

# **NASSAU COUNTY ANNUAL REPORT**



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**Nassau County**  
**Department Of Public Works**

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**March 10, 2022 - March 9, 2023**



**MS4 Annual Report Cover Page****MCC form for period ending March 9,**

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

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County of Nassau

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**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9, 2 0 2 3

Name of MS4

County of Nassau

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

K e n n e t h

MI

G

Last Name

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

W e s t b u r y

State

N Y

Zip

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eMail

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Phone

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County

N a s s a u

**MS4 Municipal Compliance Certification(MCC) Form**MCC form for period ending March 9, 

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Name of MS4

County of Nassau

SPDES ID

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

First Name

D	a	n	i	e	l										
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C
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Last Name

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Title

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City

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State

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Zip

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eMail

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Phone

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County

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**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 2 0 2 3

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

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Legally Binding Agreement in accordance

with GP-0-08-002 Part IV.G.? ☒ Yes ☐ No

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

● MM1 M u l t i p l e T a s k s

● 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. Began work on Water Quality Improvement Plan.

**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

SPDES ID

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**Water Quality Trends**

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s are contributed to this report?

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

☒ Yes ☐ No

If Yes, choose one of the following

☐ Report(s) attached to the annual report

☒ Web Page(s) where report(s) is/are provided below

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

URL

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**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

SPDES ID

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**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:

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

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Other

**2. Specific audiences targeted during this reporting period:**

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

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Other



## **MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,** 2 0 2 3

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

Name of MS4/Coalition

SPDES ID

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**3. 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

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- ### ○ Direct Mailings

## # Mailings

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- ### ○ Kiosks or Other Displays

## # Locations

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- ## ● List-Serves

# In List

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- ## ○ Mailing List

## # In List

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- ### ● Newspaper Ads or Articles

# Days Run

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- ## ● Public Events/Presentations

## # Attendees

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- ## ● School Program

## # Attendees

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- ☐
- TV Spot/Program

# Days Run

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- **Printed Materials:**

Total # Distributed

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

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- Other:

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

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## MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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**3. Web Page con't.:** Provide specific web addresses - not home page.

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URL

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**MS4 Annual Report Form**

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**4. Evaluating Progress Toward Measurable Goals MCM 1**

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

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



**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?**

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(ex.: samples/participants/events)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

The Manhasset Bay Protection Committee will: publish water quality reports; continue work on the Water Quality Improvement plan, including outreach to the community; continue their quarterly newsletter (on-going) and maintain a landing page to view past newsletters. Continue and expand our social media presence (on-going) and volunteer opportunities. Enhance their presence in the community by attending more community events.

**MS4 Annual Report Form**

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**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 



 2
- ☐ Comments on SWMP Received # Comments
- ☒ Community Hotlines
- |  |  |  |
|--|--|--|
| Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> | Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> | Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> |
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| Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> | Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> | Phone # ( <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> ) <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> - <table border="1" style="display: inline-table; width: 30px; height: 20px; vertical-align: middle;"></table> |
- ☐ Community Meetings # Attendees
- ☐ Plantings Sq. Ft.
- ☒ Storm Drain Markings # Drains 



 2 5 1
- ☒ 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	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

N	Y	R	2	0				
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**7. Evaluating Progress Toward Measurable Goals MCM 2**

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

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



**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.  
Continue the development of a new Water Quality Improvement Plan for Manhasset Bay, which will include public meetings and public input beginning spring of 2023.



**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 giveaways, 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.

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

15 Vanderventer Avenue, Port Washington, New York 11050-3710

P: 516-869-7983 • E: mbpcExec@gmail.com

**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):**

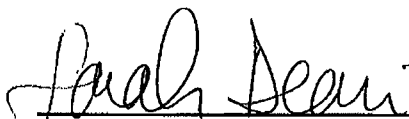
Assist member municipalities in identifying available post construction stormwater management control measures, requirements and procedures, and report any observed instances of post construction to the member municipality and/or appropriate agency or agencies.

**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 23, 2023  
Date

Sarah Deonarine  
Name

Executive Director  
Title

**MANHASSET BAY PROTECTION COMMITTEE**  
Phase II Activities Undertaken  
On Behalf of Member Municipalities  
March 10, 2022 to March 9, 2023 Permit Year

**Water Quality Trends**

- Completed a DEC-approved Quality Assurance Project Plan (QAPP) for the 2022 water quality monitoring season. Funding for this project was provided from the New York State Environmental Protection Fund as administered by the New York State Department of Environmental Conservation.
- Completed two DEC-approved Data Usability Assessment Reports (DUARs): one for the 2022 water quality monitoring season and the other for data collected from 2016 through 2021. Reports covering that data are forthcoming. Funding for this project was provided from the New York State Environmental Protection Fund as administered by the New York State Department of Environmental Conservation.

**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 with 162 subscribers. A link to sign-up is posted on the Committee's website and on the Facebook page and an archive of all past mailings is here: <https://us17.campaign-archive.com/home/?u=df70a805d021557ae64c3aaa5&id=f7fd5c7f5f>. The Committee also generated a QR code for use at tabling events and on literature to access the newsletter sign-up form digitally. Three (3) newsletters were released in this reporting period (all were also automatically posted to the Committee's Facebook, Twitter, and Instagram pages):
  - Spring 2022: [https://mailchi.mp/819608173a8e/spring\\_2022](https://mailchi.mp/819608173a8e/spring_2022)
  - Summer 2022: [https://mailchi.mp/470002c79de1/summer\\_2022](https://mailchi.mp/470002c79de1/summer_2022)
  - Fall 2022/Winter 2023: <https://mailchi.mp/2a8d93fdd386/winter2023>
- The Committee created a landing page, [manhassetbayprotectioncommittee.org/wqip.html](http://manhassetbayprotectioncommittee.org/wqip.html), to support the development of a Water Quality Improvement Plan. This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.
- The Committee and its consultant have started the process of preparing a Community Outreach/Participation Plan for the development of a Water Quality Improvement Plan. This plan will lay out the method and process to encourage community participation in the planning process. The purpose of the outreach plan is to enhance public understanding of the watershed planning project and to encourage early and continued public participation in selecting, designing, and implementing the management measures. This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.
- The Committee and its consultant have prepared an initial vision statement that expresses an idea of what the watershed will become. The vision will set the tone of the watershed plan and will be used throughout the planning process. In addition, an initial set of watershed goals and objectives were also created to provide a realistic framework for



achieving the vision as well as help focus limited resources. This was published to [manhassetbayprotectioncommittee.org/wqip.html](http://manhassetbayprotectioncommittee.org/wqip.html). This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.

- Continued enhancing the Committee's website in an effort to make the website more navigable and began exclusively using [manhassetbay.net](http://manhassetbay.net) as the URL
- 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 summer 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 in Long Island Sound and the oceans. The Committee's Facebook page has 440 followers (up from 379 last year).
- The Committee also maintains the following social media sites:
  - Twitter: <https://twitter.com/manhassetbaypc>
  - Instagram: <https://www.instagram.com/manhassetbaypc/>
  - YouTube: <https://www.youtube.com/channel/UCCoVUZAvyiQ-fsg8y6DiKSQ>
- 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 12, 2022. A recording of the meeting is available on the Committee's YouTube channel. The next joint meeting is planned for May 11, 2023.
- Staffed informational tables with educational pamphlets, giveaways, an interactive watershed model, and kids' activities at the events listed below. This year's giveaways included a canvas tote with the MBPC logo on one side and cartoon fish to color on the other. The Committee also approved the purchase of their own coastal watershed model.
  - Port Washington Public Library Earth Day event at Sunset Park (April 24, 2022)
  - Science Museum of Long Island's "Live at Five" event (August 11, 2022)
  - Port Washington HarborFest (June 5, 2022)
  - Manhasset Al Fresco (September 18, 2022)
- The Children's Services Department of the Port Washington Public Library held a culminating event to wrap up its summer reading program, which was a marine life theme, on August 12, 2022. The Committee taught approximately 63 school-aged children about watersheds and watershed pollution and its impact on Manhasset Bay.
- The Committee purchased logo lapel pins to be used at various events as identifiers and as giveaways.
- Kept members and the general public apprised of updates and the existence of the Army Corps' *New York New Jersey Harbor and Tributaries Focus Area Coastal Storm Risk Management Feasibility Study*, portions of which could have serious deleterious effects on Manhasset Bay, the surrounding communities, and Long Island Sound if constructed. It is not wholly clear that the Bay would not be affected by the Tentatively Selected Plan, as the Army Corps is using outdated studies to determine impacts on this area. To that end, the Committee:
  - Provided a comment letter to the Army Corps on the NY/NJ HATS report;
  - Attended several virtual (and one in-person) Army Corps' public meetings and offered notes and perspective to Committee members and the general public.

- 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. Manhasset Bay and/or the Protection Committee were the subject of 12 news articles published during the reporting period. The list of news articles is attached.
- Planned and hosted the annual boat tour of Manhasset Bay for municipal officials on July 21, 2022. There were 27 attendees to this year's event. This annual event raises awareness of Manhasset Bay among participants.
- Distributed aluminum storm drain markers and glue to member municipalities for placement on storm drains.
- Started generating "Monthly Updates," which were sent out to interested members of the public about what the Committee had worked on in the month(s) previous.
- Responded to questions from both member municipalities and the public about the Army Corps' Feasibility Study, fish kills (summer 2022 was very hot), the MS4 program, where stormwater pollution comes from, why does the Bay smell, and other inquiries.
- Distributed educational brochures about stormwater pollution, watersheds, the Committee, feeding geese, organic gardening, impacts of pet feces on water quality, clean boating, storm drain markings, and other water quality related topics.
- Kept the municipalities up-to-date on trainings and other events.
- Monitored Nassau County sewage spill reports.

## **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 seven (7) Manhasset Bay Protection Committee meetings (open to the public) on March 24, 2022; April 28, 2022; June 9, 2022; October 20, 2022; November 3, 2022; January 19, 2023; and February 9, 2023. Meeting minutes were posted to [https://manhassetbayprotectioncommittee.org/PDF\\_PUBLIC/Minutes/2022/](https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Minutes/2022/) and [https://manhassetbayprotectioncommittee.org/PDF\\_PUBLIC/Minutes/2023/](https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Minutes/2023/)
- Updated and distributed introductory folders for 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.
- Expanded the annual volunteer beach clean-up into the spring and on two dates: April 3, 2022 at the Manorhaven Beach Town Park and May 7, 2022 at Bay Walk Park. A third event, scheduled in October, had to be cancelled on account of a hurricane. Despite rain at both events, all totaled, approximately 84 volunteers (adults, teens, and kids) picked up 100 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.
- 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. Funding for the 2022 water quality monitoring program was provided from the New York State Environmental Protection Fund as administered by the New York State Department of Environmental Conservation.
- The Committee created a landing page, [manhassetbayprotectioncommittee.org/wqip.html](https://manhassetbayprotectioncommittee.org/wqip.html), to support the development of a Water



Quality Improvement Plan. This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.

- The Committee and its consultant have started the process of preparing a Community Outreach/Participation Plan for the development of a Water Quality Improvement Plan. This plan will lay out the method and process to encourage community participation in the planning process. The purpose of the outreach plan is to enhance public understanding of the watershed planning project and to encourage early and continued public participation in selecting, designing, and implementing the management measures. This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.
- The Committee and its consultant have prepared an initial vision statement that expresses an idea of what the watershed will become. The vision will set the tone of the watershed plan and will be used throughout the planning process. In addition, an initial set of watershed goals and objectives were also created to provide a realistic framework for achieving the vision as well as help focus limited resources. This was published to [manhassetbayprotectioncommittee.org/wqip.html](http://manhassetbayprotectioncommittee.org/wqip.html). This work is funded by a grant from the New York State Department of State under Title 11 of the Environmental Protection Fund.
- Kept the general public apprised of updates and the existence of the Army Corps' *New York New Jersey Harbor and Tributaries Focus Area Coastal Storm Risk Management Feasibility Study* and public hearings. The Committee attended several public meetings and also provided comments to the Army Corps' on their tentatively selected plan.
- 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.
- Member of the Town of North Hempstead Waterfront Advisory Committee, whose meetings are also open to the public
- Served as the member representative for the Committee on the Long Island Nitrogen Action Plan's (LINAP) Nassau County Subwatershed Planning Advisory work group, Solute Transport Model Advisory work group, and Water Exchange Advisory Work Group.
- Assisted with the development of Nassau County's Nine-Element Watershed Plan
- 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. Additionally, the Committee was involved in several meetings with off-shore wind developers and expressed concerns on environmental impacts to Long Island Sound.
- Volunteered as a judge at the Envirothon competition for Long Island high school students on April 28, 2022. This competition was back in person after a hiatus due to the Novel Coronavirus pandemic.
- Began planning an upcoming joint protection committee symposium (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 virtually on May 11, 2023.

- Monitored changes in regulations and advised member municipalities about the release of DEC's ANPRM saline waters reclassification. The Committee also provided DEC with comments and data in response to the ANPRM.
- Joined the Coastal Resiliency Network, which aims to share information on sea level rise and coastal resiliency to and among communities on the Long Island Sound shoreline of New York.
- Attended NEIWPEC's "LIS Seaweed Bioextraction Symposium" on May 18 & 19, 2022 to learn about possible techniques to reduce nitrogen pollution in Manhasset Bay.
- Advertised and attended various webinars, such as the MS4 Compliance & LID webinar on May 12, 2022,
- Advertised and attended the EPA webinar "Using Green Infrastructure to Prevent Flooding from Intensified Storms in NY/NJ area" on March 2, 2023
- Began planning for shellfish seeding of Manhasset Bay. This project is funded by a grant from the USEPA to the north shore protection committees.

### **MCM # 3 – Illicit Discharge Detection and Elimination**

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

- Conducted a weekly water quality monitoring program (May through August) with North Hempstead Bay Constables and Nassau County Dept. of Health.
- Included removing illegal downspout hook-ups as a "What You Can Do" tip on several newsletters and other publications.

### **MCM # 4 – Construction Site Runoff Control**

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

- Monitored changes in regulations and advised member municipalities about the release of DEC's ANPRM saline waters reclassification. The Committee also provided DEC with comments and data in response to the ANPRM.
- 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.*

- Monitored changes in regulations and advised member municipalities of public comment periods as described previously.
- 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.

## **FUTURE PLANS**

- 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. Then, the Committee will use citizen science to catalog what is collected, and will also be preparing educational materials.
- 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.
- Prepare articles for Village and other newsletters.
- Other activities as described above.

# Manhasset Bay Related News Articles 2022-23

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## Volunteer Clean-up

Port News Staff. (2022, March 25). Annual Volunteer Coastal Clean-up Event Expanding. *Port Washington News*. Retrieved from: <https://portwashington-news.com/annual-volunteer-coastal-clean-up-event-expanding/>

## Fish Kills

Allen, J.D. (2022, Oct. 17). Long Island saw record-setting fish kills this summer. *WSHU*. Retrieved from: <https://www.wshu.org/long-island-news/2022-10-17/long-island-saw-record-setting-fish-kills-this-summer>

Spangler, N. (2022, Aug. 14). Fish Dying in N. Shore Waters. *Newsday*. P. A7. Retrieved from: <https://www.newsday.com/long-island/environment/hot-water-temperature-fish-kills-oxygen-long-island-sound-xnor7qh2> (subscription required)

## Oyster Restoration in Manhasset Bay

Keehner, S. (2022, Aug. 15). Million oysters placed in Manhasset Bay to help ecosystem. *The island 360*. Retrieved from: <https://theisland360.com/port-washington/million-oysters-placed-in-manhasset-bay-to-help-ecosystem/>

MacGowan, C. (2022, Aug. ). Baby oyster seeds are dropped into Manhasset Bay to spark rebirth of recreational and commercial fishing. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/environment/baby-oyster-seeds-manhasset-bay-fishing-rebirth-fihugty3>

Prisco, J. (2022, May 13). District Six and the Town Board Meeting. *Port Washington News*. Retrieved from: <https://portwashington-news.com/district-six-and-the-town-board-meeting/> (shellfish restoration)

## Marine Debris

Dunavin, D. (2022, May 23). A five-year plan seeks to reduce marine debris in Long Island Sound. *WSHU*. Retrieved from: <https://www.wshu.org/connecticut-news/2022-05-23/a-five-year-plan-seeks-to-reduce-marine-debris-in-long-island-sound>



## Plandome Road Sewers

Rizzo, F. (2022, Nov. 12). Business Sewer District Coming into Focus. *Manhasset Press*. Retrieved from: <https://manhassetpress.com/business-district-sewer-coming-into-focus/>

Kaplan, A.M. (2022, May 2). Assemblywoman Sillitti & Senator Kaplan Deliver \$5 million for Manhasset Sewer Project. *Press Release*. Retrieved from: <https://www.nysenate.gov/newsroom/press-releases/anna-m-kaplan/assemblywoman-sillitti-senator-kaplan-deliver-5-million>

Yanes, D. (2022, April 18). Officials laud \$5M state grant to help convert Manhasset businesses to public sewer system. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/nassau/septic-tanks-grant-sewer-businesses-plandome-road-p3b2nsf7> (subscription required)

## Local Events

Port News Staff. (2022, May 11). Earth Day 2022 Celebration is Huge Success. *Port Washington News*. Retrieved from: <https://portwashington-news.com/earth-day-2022-celebration-is-huge-success/>

Great Neck Record Staff. (2022, May 11). Shed the Meds Event: GNWPCD collects more than 400 pounds of unused pharmaceuticals and medical sharps. *Great Neck Record*. Retrieved from: <https://greatneckrecord.com/shed-the-meds-event/>

## Long Island Sound

Baumann, H. (2022, May 15). Citizen science shows that climate change is rapidly reshaping Long Island Sound. *The Conversation*. Retrieved from: <https://www.yahoo.com/video/citizen-science-shows-climate-change-145603437.html> (or also: <https://theconversation.com/citizen-science-shows-that-climate-change-is-rapidly-reshaping-long-island-sound-111031>

Skahill, P. (2022, April 4). From coral to sponges to anemones, divers find 'fascinating world' in waters off Plum Island. *Connecticut Public Radio*. Retrived from: <https://www.ctpublic.org/2022-04-04/divers-find-fascinating-world-in-waters-off-plum-island>

## Other

Hinko, C. (2022, May 13). Bay Sunsets Showcase Port's Beauty. *Port Washington News*. Retrieved from: <https://portwashington-news.com/bay-sunsets-showcase-ports-beauty/>



**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 2023

Name of MS4

SPDES ID

NYR20A

**Section 3 - Partner Information**

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?

☐ Yes ☐ No

If Yes, complete information below.

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

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Hempstead Harbor Protection

Partner/Coalition Name (con't.)

Committee

SPDES Partner ID - If applicable

NYR20

Address

29 Spring Street

City

Oyster Bay

State

NY

Zip

11771

eMail

HempsteadHarbor@gmail.com

Phone

( ) -

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

☐ Yes ☐ No

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

- MM1 Multiple Tasks
- MM2 Multiple Tasks
- MM3 Water Monitoring, Other Tasks
- MM4 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 maintenance and grant programs.

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023  
 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  
NYR20**Water Quality Trends**

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

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

How many MS4s are contributed to this report?

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

☐ Yes ☐ No

If Yes, choose one of the following

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

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

URL

www.HempsteadHarbor.org/  
 documents > water quality data  
 (select year)

URL

URL

URL

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023

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

NYR20

**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 maint. and septic grants  
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, 2023**

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

NYR20

**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

## ● Mailing List

### # In List

### ● Newspaper Ads or Articles

# Days Run

### ○ 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
------	------

Information Booths a
----------------------

● 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/](http://www.HempsteadHarbor.org/)

Documents &gt; Articles &amp; Editorial

URL

[www.HempsteadHarbor.org/](http://www.HempsteadHarbor.org/)

Documents &gt; Meeting Minutes

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023

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

NYR20

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

URL

https://www.youtube.com/channel/

UCJiaY1st8TVNyjUvURU2wLQ

URL

www.HempsteadHarbor.org/Blog

URL

www.HempsteadHarbor.org/

Documents > Brochures & Flyers

URL

www.HempsteadHarbor.org/

Documents > Water Quality Reports

> 2022 & 2023

URL

URL

URL

**Hempstead Harbor Protection Committee  
Annual MS4 Report to Members**

**March 10, 2022 – March 9, 2023 Permit Period**

**(for assistance in preparing Annual MS4 Reports)**



## **Table of Contents**

**Phase II Activities Undertaken on Behalf of Member  
Municipalities**

**MS4 Annual Report (applicable pages)**

**Third Party Certification Form**

## HEMPSTEAD HARBOR PROTECTION COMMITTEE

Phase II Activities Undertaken  
On Behalf of Member Municipalities  
March 10, 2022 to March 9, 2023 Permit Year

### MCM # 1 – Public Education and Outreach

- Maintained and updated the Hempstead Harbor website: ([www.HempsteadHarbor.org](http://www.HempsteadHarbor.org)) including its blog page.
- Published 4 articles in the *Sea Cliff Village Bulletin*: one on April 22, 2012 on sound gardening; another on August 22, 2022 on clean boating; on on October 22<sup>nd</sup> on flooding and storm damage; and one on February 15, 2023 on reducing nitrogen. Also contributed to an article on HHPC's activities for the DEC / LINAP newsletter on February 9, 2023.
- Staffed information booths at the Town of Oyster Bay's Marine Education Expo on April 16, 2022 and at the Port Washington HarborFest on June 5, 2022.
- Copied and distributed 16 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 February 10, 2023, February 13, 2023 and March 7, 2023 with new Long Island Congressional Representatives familiarize them with Long Island Sound issues and to promote increased funding for Long Island Sound and its embayments needed to fund stormwater efforts.
- Revised and distributed HHPC's member list.
- HHPC's Executive Director helped organize the Long Island Envirothon which was held on April 27, 2022, which had to be held virtually. Also helping to organize the 2023 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 16, 2022, April 13, 2022, June 1, 2022, September 7, 2022, October 19, 2022, November 16, 2022, and January 11, 2023.
- Held a virtual Joint Protection Committee meeting on May 12, 2022 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 2022. 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.
- Expanded sampling and surveillance to monitor possible unidentified bacteria discharges in the Powerhouse Drain subwatershed. This included commissioning Harkin Aerial to conduct an aerial (drone) thermal imaging survey to identify potential illicit discharges. A report was issued in May, 2022.
- 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.

#### **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 development and distribution 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, 2022 TO MARCH 9, 2023 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 31, 2023  
Date

**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 2023

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 - 2 Townsend Sq

City

Oyster Bay

State

NY

Zip

1 1 7 7 1 -

eMail

rob@oysterbaycoldspringharbor.org

Phone

( ) -

Legally Binding Agreement in accordance

with GP-0-08-002 Part IV.G.? ☐ Yes ☐ No

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

- MM1 Multiple Tasks
- MM2 Multiple Tasks
- MM3 Multiple Tasks
- MM4 Monitoring Runoff
- MM5 Monitoring 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 outreach particularly regarding bionutrient extraction (i.e oyster gardening, kelp), septic system maintenance/upgrade, green infrastructure, pathogens especially pet waste, waterfowl

## MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9, 2023**

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				
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## Water Quality Trends

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

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

How many MS4s are contributed to this report?

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

☐ Yes    ☒ No

If Yes, choose one of the following

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

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

URL

www.oysterbaycoldspringharbor.  
org> about us> helpful links

URL

URL

URL

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023

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

bionutrient ext. onsite waste mgt

Other

**2. Specific audiences targeted during this reporting period:**

☒ Public Employees

☒ Contractors

☒ Residential

☒ Developers

☒ Businesses

☒ General Public

☒ Restaurants

☐ Industries

☐ Other:

☐ Agricultural

Other

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023

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

--	--	--	--	--

☒ Mailing List

# In List

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

☒ Newspaper Ads or Articles

# Days Run

	5			
--	---	--	--	--

☒ Public Events/Presentations

# Attendees

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

☒ School Program

# Attendees

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

☐ TV Spot/Program

# Days Run

--	--	--	--	--

☐ Printed Materials:

Total # Distributed

--	--	--	--	--

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

Town/Village Halls

Libraries

☐ Other:

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

URL

www.oysterbaycoldspringharbor

.org> about us > helpful links

URL



**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2023

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.**

See individual municipality SWMP for following answers

**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).**



**Phase II Activities Undertaken  
On Behalf of Member Municipalities  
March 10, 2022 to March 9, 2023 Permit Year**

**MCM # 1 – Public Education and Outreach**

- Expanded successful Community Shellfish Gardening program to raise awareness of and address local water quality issues in Oyster Bay and Cold Spring Harbor engaging more than 150 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, Jericho-Brookville Lions Club and Huntington Rotary) at community gardens, local bathing and yacht clubs and private residences.
  - Outreach program involved:
    - Held Public Information and Training Zoom and In-person Meetings
    - Hands-on training at The Waterfront Center to learn about water quality impacts such as stormwater runoff, 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 and Eagle Dock in Cold Spring Harbor.
    - Partnered with villages of Laurel Hollow, Bayville, Oyster Bay Cove, and Centre Island, Friends of the Bay, Cornell Cooperative Extension, and 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 management of Conservation Management Area in Cold Spring Harbor included a spawner sanctuary including:
  - Monitoring (signage and illegal harvesting)
  - Seeding (TOB clams, oysters from gardening program)
- Implemented Community Shellfish Gardening internship for college and young professionals.
- 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](http://www.getpumpedli.org).
- Publicized public education and outreach activities in watershed through:
  - Web site - event calendar maintained at web site
  - Facebook posts – three sites: Oyster Bay/Cold Spring Harbor Protection Committee, Scoop the Poop Long Island and GetPumpedLI!
  - E-mail list
  - Posting signs
- Protection Committee featured in Newsday and several local weekly publications.
- Distributed 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
- Maintained Oyster Bay/Cold Spring Harbor Protection website ([www.oysterbaycoldspringharbor.org](http://www.oysterbaycoldspringharbor.org)) and Facebook page

## **MCM # 2 – Public Participation**

- Engaged 100+ families in Oyster Bay and Cold Spring Harbor watershed to raise 1,000 oysters each (193,000 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 meetings (open to the public) in March, June, October, December 2022 and January 2023
- 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 (500+ combined).
- Financially contributed to Friends of the Bay Citizens Water Quality Monitoring Program.

### **MCM # 3 – Illicit Discharge Detection and Elimination**

- Supported MS4 Illicit Discharge Detection in Cold Spring Harbor based on existing studies (Outfall #237) by Cornell Cooperative Extension of Suffolk County – funded by Nassau County Soil and Water Conservation District
- 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.
- 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 Oyster Bay Geese Peace program managers to enhance their program.
- Assisted the Long Island Native Plant Initiative with offering low cost native plants to municipalities and residents.

#### 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:
  - ***Oyster Habitat Restoration and Monitoring Utilizing Spawner Sanctuaries in Oyster Bay and Cold Spring Harbor*** to assess the Cold Spring Harbor Spawner Sanctuary and identify suitable locations for other shellfish sanctuaries in the Oyster Bay/Cold Spring Harbor complex.
- 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 and special projects such as Army Corps of Engineers NYC Storm Surge Barriers study.





## 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-aways, 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.



\_\_\_\_\_  
Signature

**Rob Crafa**  
\_\_\_\_\_

Name

**April 25, 2023**  
\_\_\_\_\_

Date

**Coordinator**  
\_\_\_\_\_

Title



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

Report Issued March 10, 2023

**Prepared By:**



**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

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IX. Program Goals for 2023	9

**Attachments:**

- I. Education and Outreach Summary
- II. Map of Active Applicants as of March 7, 2023
  - A. All of Nassau County
  - B. Long Island Sound Watershed
- III. Sample S.E.P.T.I.C. PowerPoint Presentation

**Important Program Links:**

- [Nassau County S.E.P.T.I.C. Grant Program Application](#)
- [Nassau County Soil and Water Conservation District S.E.P.T.I.C. Website](#)
  - [Program Overview Flyer](#)
  - [Applicant Checklist](#)
  - [Dos and Dents for your I/A Septic System flyer](#)
  - [Do Not Flush "Flushable" Wipes](#)

**Important Program Documents:**

- [Participating Designers, Installers, and Soil Boring Companies](#)
- [Guidance Memo 1: S.E.P.T.I.C. Program Rules](#)
- [Guidance Memo 2: Guidelines for the Acceptance, Use, and Management of IA OWTS](#)
  - [Acceptance Process Summary Document](#)
  - [Accepted Technologies Document](#)
- [Guidance Memo 3: Nassau County's S.E.P.T.I.C. Program Guidance for Instances where NYS Setbacks may be Relaxed for Repairs and Retrofits with an IA OWTS](#)
- [Generic 75-A Guidance to Local Jurisdictions for Nassau County's S.E.P.T.I.C. Grant Program / Comments from Nassau County Department of Health](#)

## 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 1<sup>st</sup> of each year, providing details about the County's actual use of monies from the Fund in the Program. The first annual report on program activities was issued on March 15, 2022 and can be found [here](#).

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.

## II. Grant Funding to date

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 provides up to \$20,000 to eligible applicants for the installation of a nitrogen-reducing IA OWTS and utilizes grant 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 \$4,000,000 has been awarded to Nassau County to date. 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 \$4,000,000 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.



### III. Nassau County's S.E.P.T.I.C. Grant Program Administration and Staffing

The Program is administered by the Nassau County Soil and Water Conservation District (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. The District has received \$200,000 in administrative funds from the Long Island Regional Planning Council and an additional \$200,000 in CLFRF funding from Nassau County.

These administrative funds are used to cover the following:

- Retaining a professional consultant through to the end of 2023
- 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.

### IV. Nassau County's S.E.P.T.I.C. Grant Program Eligibility

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](#).

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.

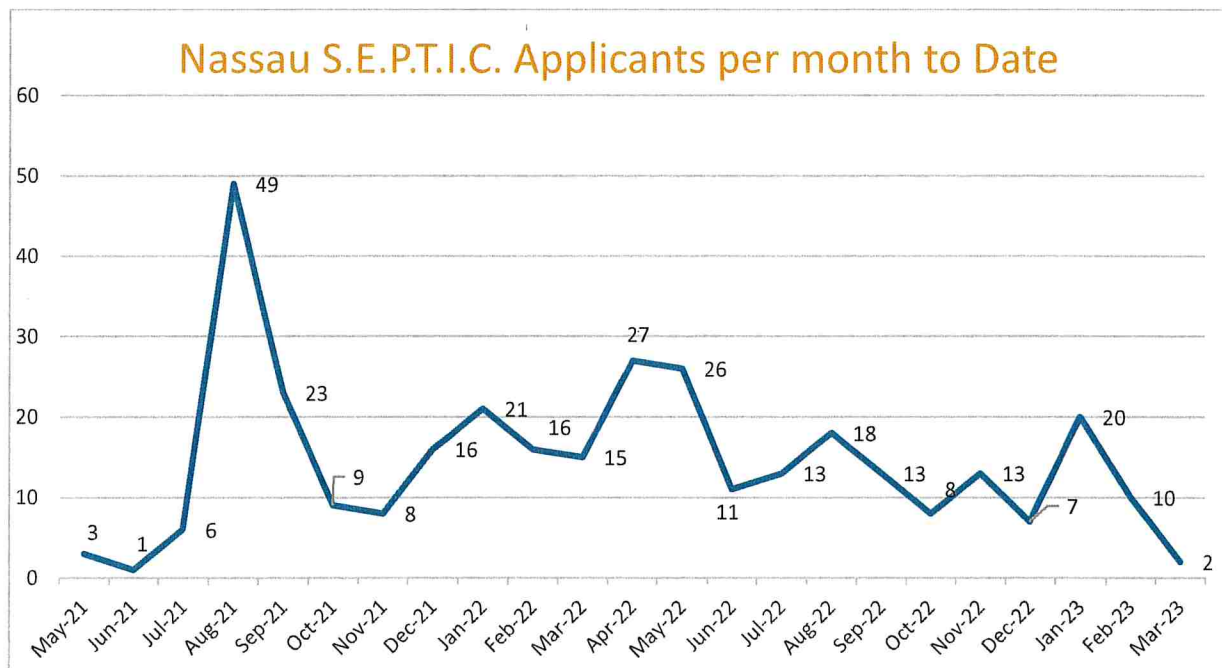
### V. Public Education and Outreach in 2022

Outreach and public engagement has been key to the success of the S.E.P.T.I.C. Grant Program. Attachment I of this report includes a summary of all Public Education and Outreach to date. In 2022 the District celebrated EPA's Septic Smart Week in September of 2022 by holding a public presentation on September 19, 2022 at the Locus Valley Library as well as a site tour of successful grant funded installations on September 21, 2022. The District is looking to schedule a press conference in March of 2023 to announce additional funding and kick-off outreach for the year.



### The Effect Outreach has on Program Applications Received

The table of applicants below shows the breakdown of grant applications received per month with call outs indicating significant 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 of 2021 respectively, were by far the most successful at attracting applicants. The direct mailing campaign launched in the Spring of 2022 by the Nature Conservancy and North Shore Land Alliance was also very effective at gaining applicants in targeted priority areas. However, since the number of program applicants neared, or even at times exceeded the available funding, outreach efforts were minimal in the second half of 2022, with the exception of Septic Smart Week. Now that increased funding has allocated by the Nassau County Legislature, the District and Program partners will plan steady outreach throughout the remainder of 2023. Being cognizant of the most effective outreach methods to increase public awareness and interest in the Program is important when allocating resources for outreach events.



#### VI. **Program Statistics to date**

The graphics below summarize program statistics to date.

Nassau County S.E.P.T.I.C. Statistics as of March 8, 2023

Total # of applications received	382
Current # of active applicants	194
# of grant agreements pending	101



# of grant agreements executed	142
# of grants denied	139
# of duplicates	11
Number of installations	52
Number of pending installations	18

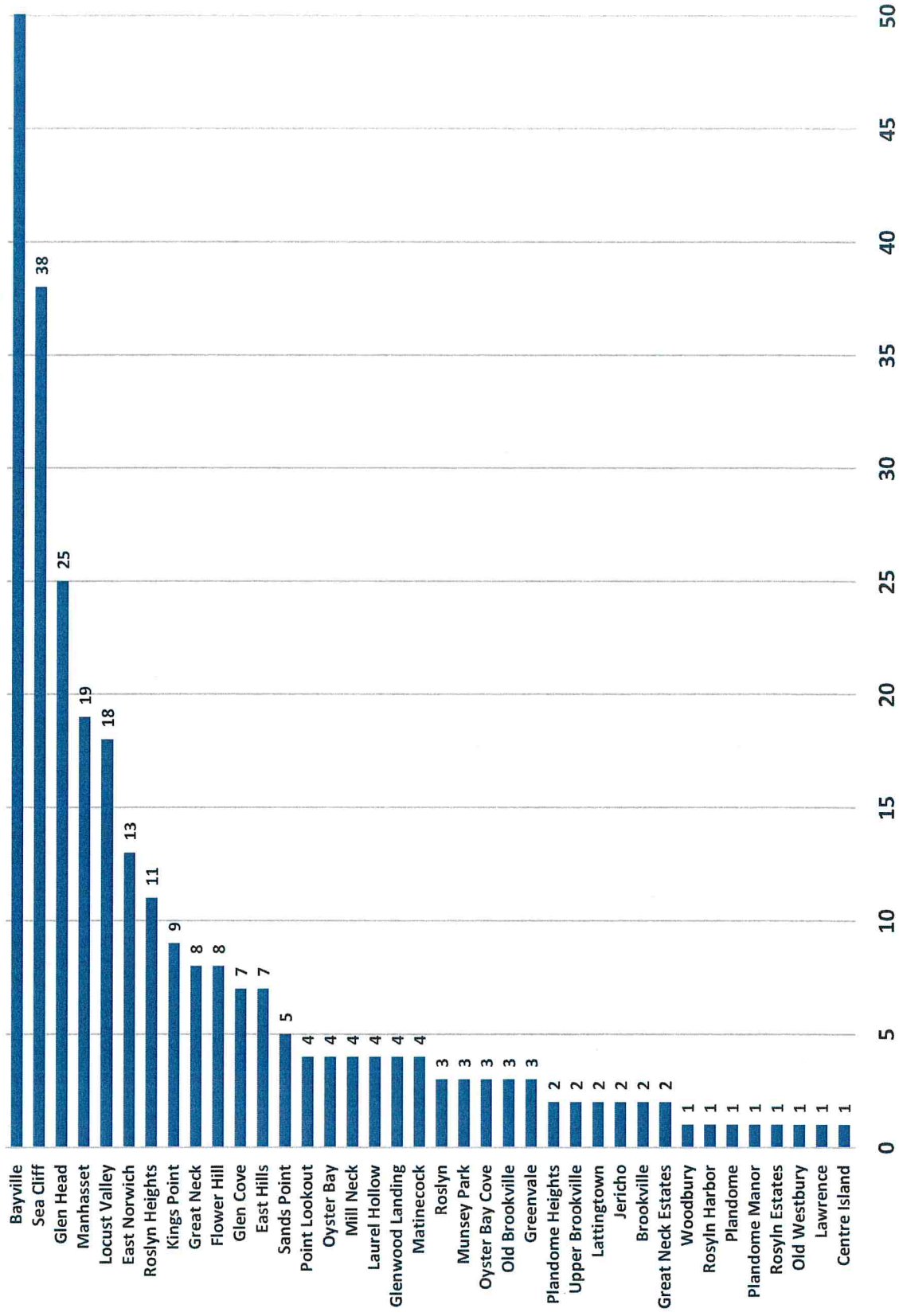
Table Illustrating NYS SSRP Funds Expended, Allocated, and Remaining Unallocated Funds

Total Amount of SSRP funds Available to Nassau County as of 3/7/2023	\$4,000,000.00
Total Amount of pending SSRP payments as of 3/8/2023	\$20,000
Total Amount of SSRP Funds Allocated as of 3/8/2023	\$1,420,000
Total Amount of Unallocated SSRP Funds as of 3/8/23	\$2,580,000
Average SSRP Grant Award	\$10,000.00

Table Illustrating County ARPA Funds Expended, Allocated, and Remaining Unallocated Funds

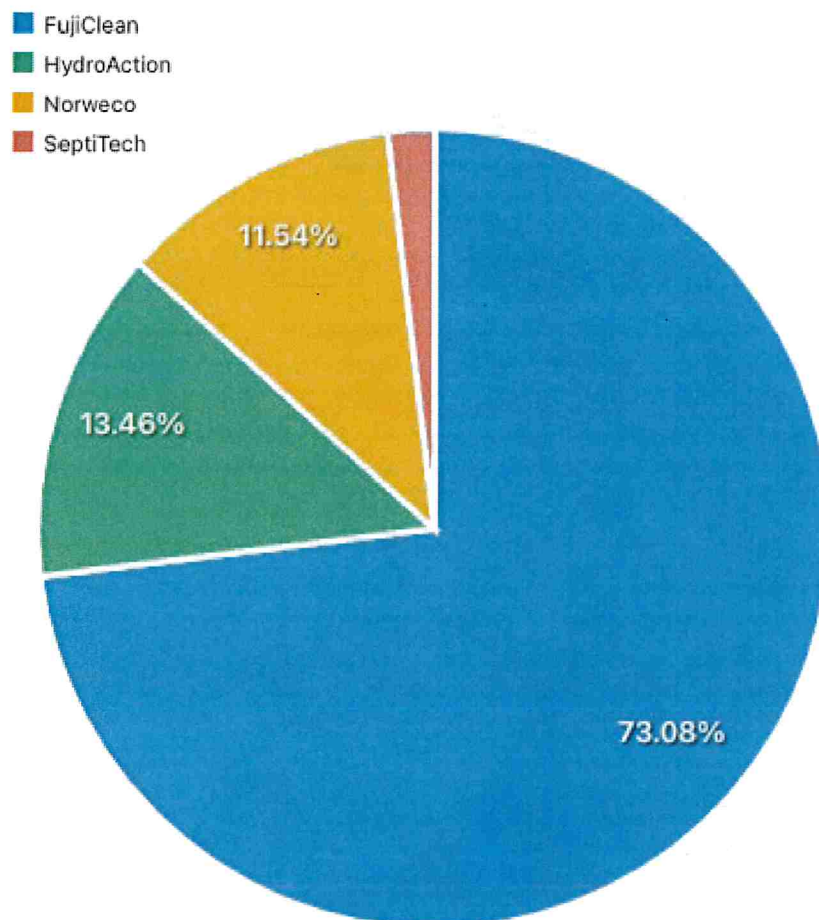
Total Amount of ARPA funds Available to Nassau County as of 3/7/2023	\$4,000,000.00
Total Amount of pending ARPA payments as of 3/8/2023	\$20,000
Total Amount of ARPA Funds Allocated as of 3/8/2023	\$1,420,000
Total Amount of Unallocated ARPA Funds as of 3/8/23	\$2,580,000
Average ARPA Grant Award	\$10,000.00

## Nassau County S.E.P.T.I.C. Applicants per Town / Village - 03/2023



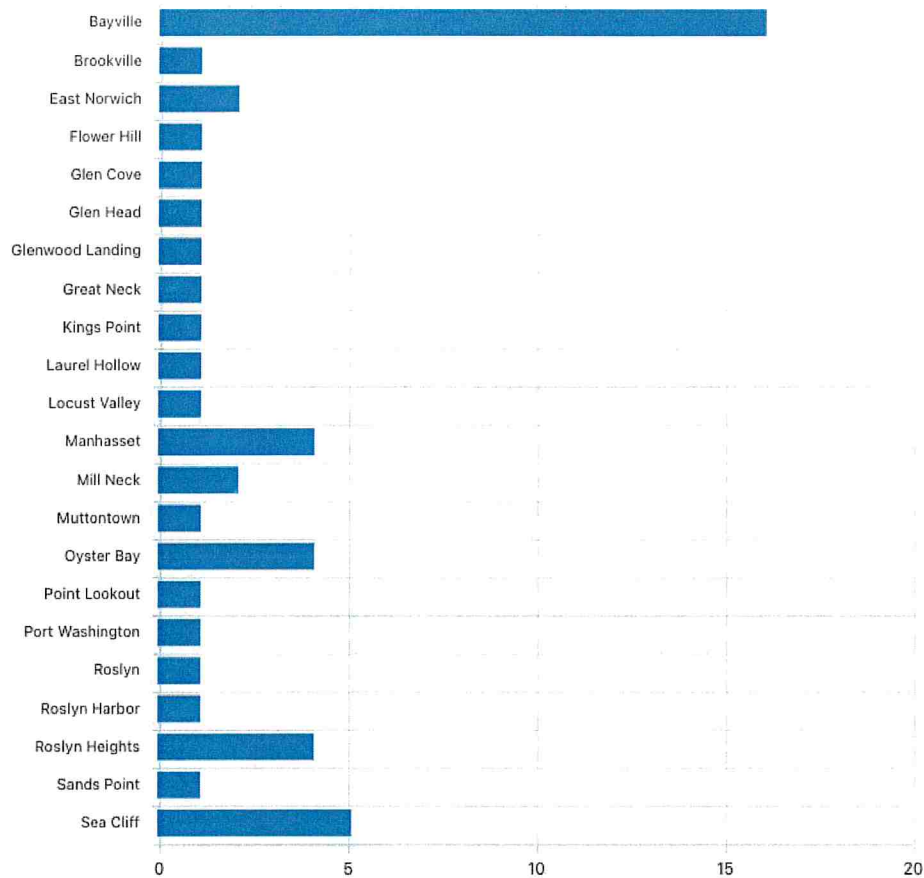
## VII. **Installation Statistics**

There have been 52 installations as of March 8, 2023. Five (5) systems were installed in 2021, forty-four (44) in 2022, and four (4) so far in 2023. The cost of the fifty-two (52) installations to date ranges between \$16,729.88 and \$69,950.00. The average design cost is \$2,500 and the average installation cost is \$27,998.54. Residents in Bayville and Sea Cliff have been the most active in the program with 31% of the installs occurring in Bayville and 10% in Sea Cliff. In regard to the technologies used, Four (4) of the five (5) accepted technologies have been installed in Nassau County. The Orenco AX-20 is the only system of the five that is not installed in Nassau. The FujiClean system is by far the most popular system in Nassau County representing over 70% of the systems installed. Fuji is followed by the Hydro Action AN series which represents approximately 13% of the market. These statistics are highlighted in the charts below.



**Pie Chart Showing Installations by Technology**





Graph Showing the Number of Installations by Town/Village

#### VIII. Program Funding for 2023

On July 7, 2022 Governor Kathy Hochul announced that Nassau County had been awarded \$2 million in SSRP funding for 2023. This funding was unanimously accepted and appropriated by the Nassau County Legislature on February 27, 2023 and provides an additional 200 State grants of up to \$10,000 for 2023. In response to this announcement, Nassau County proposed the allocation of an additional \$2 million in ARPA funding to match these grants. This ARPA funding was unanimously accepted and appropriated by the Nassau County Legislature on October 24, 2022. By combining these two funding sources again in 2023, the District can continue issuing grants of up to \$20,000 to eligible property owners looking to upgrade their existing septic system or cesspool with nitrogen-reducing IA OWTS. The District currently has enough funding for up to 248 installations in 2023. Anticipating the availability of long-term state funding, the District is in Discussion with Nassau County regarding additional funding to match State funding through 2026.

#### IX. Program Goals for 2023

The following represent key S.E.P.T.I.C. Program goals to increase the number of applicants and installations as well as build momentum in 2023:

1. Public Outreach and Engagement: with funding for 248 installations this year, the District will continue to work with the Nature Conservancy and the North Shore Land Alliance's Water Quality Improvement Program (WQIP) to assist with community outreach and engagement. Outreach and engagement activities planned for 2023 include press conferences; social media engagement, public presentations, direct mailings, and field demonstrations.
2. Town and Village Outreach: The District will continue to provide program overviews, updates, and technology information with local Towns and Villages. In addition, the District is available to work with these local jurisdictions on streamlined permitting and inspection and construction guidance. Finally, the District will provide assistance and guidance to Towns and Villages looking to develop and implement Wastewater Management Ordinances to require the use of IA OWTS in all or certain areas to attain community nitrogen reduction targets.
3. Septic System Inspection Manual: The New York State Department of Environmental Conservation (NYS DEC) conducted a survey of county health departments in NYS to assess the existing status of Septic System Inspections in NY. The results of the survey renewed interest in the development of consistent state-wide recommended inspection procedures. In addition, a December meeting with several of the Towns and Villages on Nassau's North Shore sparked local interest in both septic system inventory inspections and point-of-sale functional inspections. The District is working with their consultant to update and adapt the RI Septic System Inspection Check-up Handbook into a document specific to Long Island with the intent of making the resources available online free-of-charge so that they can be utilized throughout the Northeast region, with only minor edits needed for specific jurisdictions.
4. Finalize Guidelines for the Acceptance, Use, and Management for New Technologies: The District has drafted guidelines IA OWTS are to be properly installed, operated, regularly inspected, and routinely maintained in order to ensure maximum performance and system longevity. This guidance document establishes a process for the acceptance, use and management of nitrogen-reducing Innovative and Alternative Onsite Wastewater Treatment Systems (IA OWTS) as recommended by the New York State Department of Health (NYSDOH) and is expected to be implemented in April of 2023.
5. Development and Implementation of an IA Training Program: The District has drafted Rules and Regulations for Septic System Installer Licensing and hopes to work with the Nassau County Department of Consumer Affairs to finalize and implement the regulations in 2023. For conducting the training, the District is looking into partnering with the New England Onsite Wastewater Training Program (NEOWTP) at the University of Rhode Island to adapt and modernize existing IA OWTS training for Nassau County. NEOWTP has a history of conducting training on Long Island, they have held prior Septic System training classes in Nassau County and currently hold several classes per year specifically catered to the Suffolk County Reclaim Our Water Program.

## Manhasset Bay Protection Committee Educational Web pages

General Public:

<https://manhassetbayprotectioncommittee.org/reduce-your-impact.html>  
<https://manhassetbayprotectioncommittee.org/contact--newsletter.html>  
[https://manhassetbayprotectioncommittee.org/what\\_is\\_a\\_watershed.htm](https://manhassetbayprotectioncommittee.org/what_is_a_watershed.htm)  
[https://manhassetbayprotectioncommittee.org/PDF\\_PUBLIC/Storm\\_Water/](https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Storm_Water/)

Clean Boating: <https://manhassetbayprotectioncommittee.org/clean-boating.html>

Homeowners:

<https://www.getpumpedli.org/resources/>  
[https://manhassetbayprotectioncommittee.org/PDF\\_PUBLIC/Houses/](https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Houses/)  
[https://manhassetbayprotectioncommittee.org/PDF\\_PUBLIC/Lawn/](https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Lawn/)

Geese: <https://manhassetbayprotectioncommittee.org/geese.htm>

Fish Kills: <https://manhassetbayprotectioncommittee.org/fishkill.htm>

Glossary:

<https://manhassetbayprotectioncommittee.org/uploads/1/3/7/6/137685843/glossary.pdf>

Outreach Report Nassau County SWCD (3-21-2022 to 4-20-2023)

Who	What	Where	When	Attendance	Adults Outreached	Children Outreached	Total Outreached
Derek, Olivia, Tom, Sean	Black Skimmer Banding Event	Lido Beach	7/26/2022	30	40	0	40
Derek, Olivia	Roman Stone Systems Water/Water Conference	Bayshore	8/3/2022	50	50	0	50
Derek, Tom, Sean	Annual Sapling Giveaway	Nassau Hall	4/29/2022	35	100	0	100
Derek, Olivia	Lomg Island Advanced SEPTIC Association Meet and Greet	East Islip	11/7/2022	45	100	0	100
Derek	Annual Land Use Training Program for Municipal Planning and Zoning Official	Hofstra University	10/24/2022	250	250	0	250
Derek, Olivia	Meeting with Prosiding Officer	County Office Mineole	8/20/2022	5	5	0	5
Derek, Olivia	Meeting with DPW Commissioner	DPW Office	8/29/2022	10	10	0	10
Derek, Olivia, Sean, Tom	Industry Information Exchange	Online	9/20/2022	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	North Shore Village Mandate and Code Meeting with NCSWCD and Mators	Oyster Bay	12/1/2022	20	40	0	40
Derek, Olivia, Sean, Tom	Huntington Greening Fellowship Webinar with HUMUS	Online	4/6/2022	25	25	0	25
Derek, Olivia, Sean, Tom	Syosset Library and YMCA webinar and Meeting	Online	3/24/2022	15	15	0	15
Derek, Olivia, Sean, Tom	SEPTIC Smart Week Event	Locust Valley Library	9/19/2022	40	60	0	60
Derek, Olivia, Sean, Tom	A Day in the Life Student Event	Jones Beach Energy and Nature Park	11/17/2022	30	50	30	80
Derek, Olivia, Sean, Tom	A Day in the Life Student Event	Oceanside Marine Nature Study Area	11/4/2022	30	50	30	80
Derek, Olivia, Sean, Tom	SEPTIC Smart Saturday	Oyster Bay Fireman's Field	4/15/2023	100	200	0	200
				710	1,020	60	1,080

Social Media / Website							
District / Envirothon Website - Unliq	Post/Page Views	Direct Page Interactions					
	13,455	71,987					
Facebook	Post/Page Views	Direct Page Interactions					
	84	18,096					

**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 2 0 2 3

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	3
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Name of MS4 

County of Nassau																			
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SPDES ID

N	Y	R	2	0	A	0	2	2
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**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

K	e	n	n	e	t	h													
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MI

G
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Last Name

A	r	n	o	l	d														
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Title (Clearly print title of individual signing report)

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								
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Signature

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Date

0		/	0		/				
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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, 

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

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**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

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Other

**2. Specific audiences targeted during this reporting period:**

☒ Public Employees    ☒ Contractors

☒ Residential    ☒ Developers

☒ Businesses    ☒ General Public

☐ Restaurants    ☐ Industries

☒ Other:    ☐ Agricultural

B	o	a	t	e	r	s	/	S	t	u	d	e	n	t	s	/	H	o	m	e	o	w	n	e	r	s						
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Other

**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

County of Nassau

SPDES ID

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

☒ Construction Site Operators Trained

# Trained

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

☐ Direct Mailings

# Mailings

--	--	--	--	--

☒ Kiosks or Other Displays

# Locations

			1	4
--	--	--	---	---

☒ List-Serves

# In List

		1	7	1
--	--	---	---	---

☒ Mailing List

# In List

		3	7	8
--	--	---	---	---

☒ Newspaper Ads or Articles

# Days Run

			3	8
--	--	--	---	---

☒ Public Events/Presentations

# Attendees

	6	6	2	7
--	---	---	---	---

☒ School Program

# Attendees

		2	4	3
--	--	---	---	---

☐ TV Spot/Program

# Days Run

--	--	--	--	--

☒ Printed Materials:

Total # Distributed

		7	5	0
--	--	---	---	---

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

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☒ Other:

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

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**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9,**

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

Name of MS4/Coalition

County of Nassau

SPDES ID

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**3. Web Page con't.: Provide specific web addresses - not home page.**

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**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

**A. Briefly summarize the Measurable Goal identified in the SWMP 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 and Loft's Pond in Baldwin (By Nassau County). Continued growth of the Nassau County SEPTIC Program. Completed and distributed the Nassau County 9 Element Plan (Accepted by NYS DEC). Fairs and Festivals once again started posted COVID-19. Maintained NC LINAP initiatives web page.

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

Continued distribution of a storm water pollution and green infrastructure film via Youtube through our Nassau County Soil and Water Conservation District. Our NCSWCD Facebook/Social Media page had 84 page views, and 18,096 direct page interactions. Envirothon Website and NCSWCD website had 71,987 page interactions and 13,455 posts/page views.

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

			1
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(ex.: samples/participants/events)

**D. Has your MS4 made progress toward this Measurable Goal during this reporting period?**
☒ Yes   ☐ No
**E. Is your MS4 on schedule to meet the deadline set forth in the SWMP?**
☒ 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).**

Have employees attend Erosion and Sediment Control training course in the upcoming reporting year. Continue to attend Festival/Fairs 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. Nassau County to maintain waterbodies with their new aquatic weed harvester.

**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**Minimum Control 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
--	--	---

**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

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

☐ Comments on SWMP Received

# Comments

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

☒ Community Hotlines

Phone #

( 5 1 6 )

5 7 1 -

7 5 3 5

Phone # ( ) -

Phone #

( 5 1 6 )

5 7 1 -

7 5 2 0

Phone # ( ) -

Phone #

( ) -

Phone # ( ) -

Phone #

( ) -

Phone # ( ) -

Phone #

( ) -

Phone # ( ) -

Phone #

( ) -

☒ Community Meetings

# Attendees

		5	0	5
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☐ Plantings

Sq. Ft.

--	--	--	--	--

☒ Storm Drain Markings

# Drains

		2	5	1
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☒ Stakeholder Meetings

# Attendees

		6	0	
--	--	---	---	--

☒ Volunteer Monitoring

# Events

		1	3	
--	--	---	---	--

☒ Other: Shellfish Gardening

**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

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☒ Other: s e e n e x t p a g e

☒ 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, 

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

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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## MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9,** 2 0 2 3

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Name of MS4/Coalition

County of Nassau

SPDES ID

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## 2. URL(s) con't.:

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

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## MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9,** 2 0 2 3

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**3. Where can the public access copies of this annual report, Stormwater Management Program (SWMP) Plan and submit comments on those documents?**

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

● MS4/Coalition Office

● Annual Report    ● SWMP Plan    ● Comments

Department

D	e	p	a	r	t	m	e	n	t		o	f		P	u	b	l	i	c		W	o	r	k	s					
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City

W	a	n	t	a	g	h								N	Y	1	1	7	9	3	-				
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Phone

$$\begin{pmatrix} 5 & 1 & 6 \end{pmatrix} \begin{matrix} 5 & 7 & 1 \end{matrix} - \begin{matrix} 7 & 5 & 2 & 0 \end{matrix}$$

○ Library

☐ Annual Report    ☐ SWMP Plan    ☐ Comments

## Address

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City

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Phone

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☐ Other

☐ Annual Report    ☐ SWMP Plan    ☐ Comments

### Address

[illegible]

City

[illegible]

Phone

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● Web Page URL:

☒ Annual Report    ☒ SWMP Plan    ☐ Comments

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

● eMail

## ● Comments

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**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**4.a. If this report was made available on the internet, what date was it posted?**

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

0	5
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 / 
 

1	0
---	---

 / 
 

2	0	2	3
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**4.b. For how many days was/will this report be posted?**

3	5	5
---	---	---

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

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

☐ Yes ☒ No

If Yes, what was the date of the meeting?

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 / 
 

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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	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

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**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.**

Continue to attended stakeholder meetings with the Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, NCSWCD, South Shore Estuary Reserve Council, 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. Continue 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. Completed Nassau County Nine-Element Plan which was accepted and approved by NYS DEC.

**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 goals listed in the Nassau County Nine-Element Plan and Expand 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, 2023**

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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### **Minimum Control 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
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<b>1. Enter the number and approx. percent of outfalls mapped:</b>	3	7	8	0	#	1	0	0	%
--	---	---	---	---	---	---	---	---	---

**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?**

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

[illegible]

○ Sewersheds:

[illegible]

# MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9,** 2 0 2 3

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

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

# Dumping Debris in Storm Basins

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

		3
--	--	---

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

		2
--	--	---

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

		2
--	--	---

**7. Has the storm sewershed mapping been completed in this reporting period?**

☒ Yes    ☐ No

If No, approximately what percent was completed in this reporting period?

1	0	0	%
---	---	---	---

**8. Is the above information available in GIS?**

☒ Yes    ☐ No

**Is this information available on the web?**

☐ Yes    ☒ No

If Yes, provide URL(s):

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

URL

[illegible]

URL

[illegible]

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

County of Nassau

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|---|---|---|
| 1 | 0 | 0 |
|---|---|---|
- $\%$

**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

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

Procured a consultant in February 2023 to re-inspect outfalls as per the five year rule. This work has commenced as of March 15th, 2023. The 2023 ORI inspection reporting cycle includes 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. At the end of the 2023 reporting cycle we plan on procuring a consultant to conduct additional ORI inspections.

**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 consultant has been successfully retained this reporting cycle and will be used in order to re-inspect the outfalls previously inspected within the past five years. The new list includes: 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. Dry weather flow sampling program.

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

			1
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(ex.: samples/participants/events)

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**
☒ Yes   ☐ No
**E. Is your MS4 on schedule to meet the deadline set forth in the SWMP?**
☒ 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 via a consultant will complete the ORI's mentioned above. The County will procure another consultant to do another round of ORI inspection by the end of the 2023 reporting year. 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. The County retained another employee to assist with the Storm Water Program.

**MS4 Annual Report Form**

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

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Name of MS4/Coalition

County of Nassau

SPDES ID

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**Minimum Control Measures 4 and 5.**  
**Construction Site and Post-Construction Control**

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report? 

		1
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**1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?**

☒ Yes ☐ No

**1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook?**

☐ Yes ☐ No ☒ NT

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

☐ 09/2004 ☐ 03/2006 ☒ NT

**2. Does your MS4/Coalition have a SWPPP review procedure in place?**

☒ Yes ☐ No

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

		0
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**4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?**

☒ Yes ☐ No ☐ NT

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

		0
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**5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process?**

☒ Yes ☐ No

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

<input type="radio"/> Notices of Violation	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Stop Work Orders	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Criminal Actions	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Termination of Contracts	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Fines	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Civil Penalties	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Orders	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Enforcement Actions or Sanctions	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>							
<input type="radio"/> Other	#	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></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, 

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**Minimum Control 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
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**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 checked="" type="radio"/> Alternative Practices		2	1		1	1		1	1
<input checked="" type="radio"/> Filter Systems	3	6	6	1	0	0	1	0	0
<input checked="" type="radio"/> Infiltration Basins	6	3	8	6	3	8	6	3	8
<input type="radio"/> Open Channels									
<input type="radio"/> Ponds									
<input type="radio"/> Wetlands									
<input type="radio"/> Other									

**2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?**

☒ Yes ☐ No

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

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

☐ Other:

R	e	q	.	t	o	s	t	o	r	e	a	n	8	"	r	a	i	n	f	a	l	l		
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**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?**

☒ Yes ☐ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

		0
--	--	---

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

		0
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 %



**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**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.**

Continued using our AIM Asset Inventory Management tracking system to maintain Nassau County storm water basins, catch basins, parking lots, street sweeping operations. Retained additional employee in march 2023 to help with BMP and facility inspections going forward.

**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 to track our Storm Water basin and catch basin maintenance, sweeping of parking lots and streets.

**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 check and maintain our existing devices using our BMP checklist. Continue to evaluate 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. Retain new employee to assist with storm water program.

**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report? 

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

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

**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

		3	0	0
--	--	---	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles 

	8	5	9	6
--	---	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary # 

	1	5	3	6
--	---	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 

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

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

--	--	--	--	--
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres 

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

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

	6	0	%
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**MS4 Annual Report Form**

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

2	0	2	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**7. Evaluating Progress Toward Measurable Goals MCM 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. 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. Number of personnel that completed the online storm water pollution prevention training course.

**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. Inspect a percentage of our county garages/maintenance facilities through our facilities checklist program. 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	3
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Name of MS4/Coalition

County of Nassau

SPDES ID

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

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report?

		1
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MS4s must answer the questions or check NA as indicated in the table below.

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

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies?

☒ Yes ☐ No ☐ N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS?

☐ Yes ☐ No ☒ N/A

If N/A, go to question 3.

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

			%
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Estimate what percentage was mapped in this reporting period.

			%
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**MS4 Annual Report Form**

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

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

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? ☒ Yes ☐ No ☐ N/A
4. Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period? 

		0
--	--	---

 %
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	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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**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