VILLAGE OF HUNTINGTON BAY

MS4 PERMIT # NYR200A29

STORMWATER MANAGEMENT PLAN (SWMP)

2024 ANNUAL UPDATE

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1.0 Street Maintenance:

General:

The Village of Huntington Bay owns and maintains approximately 4.9 miles of roadways. The Village roadways are tributary to subsurface leaching basins and catch basins. These basins serve the dual purpose of flood control and protection of water quality. If the stormwater system is not properly maintained the capacity of the system to control street flooding will be directly impacted. In addition the system will not function as a water quality treatment device. Each basin receives first flush runoff from the streets that would ultimately discharge to the Harbor or Bay if the basins are not functional. First flush runoff contains up to 90% of the pollutant loading from a drainage basin. The basins capture sediments, oils, greases, nutrients and bacteria.

The locations of existing catch basins and drainage areas in the Village of Huntington Bay are depicted on Sheets 1 -5 Tributary Analysis Plans dated 7/15/99 last updated 6/15/11 prepared by Vollmuth & Brush.

Catch basins and leaching pools are impacted by excessive buildup of sediment and materials which clog catch basins and ultimately decrease the leaching rates of connected structures. It is therefore important that the connected catch basins be inspected on an annual basis and serviced to remove accumulated debris. In addition the connected leaching pools require periodic maintenance inspections to remove accumulated sediments.

1.1 Catch Basin Inspections:

The Village of Huntington Bay will maintain an inspection record of all Village owned and/or maintained catch basins. For the purposes of this implementation, leaching pools with grate inlets will also be considered "catch basins". The inspection will occur annually during the months of March and April.

1.1.1 Inspection Method:

Each catch basin will be visually inspected for standing water or excessive floatable material. The depth below grade of standing water will be recorded on the inspection form. This inspection will also report the presence of petroleum sheen in the basin.

Each catch basin will be measured to determine accumulation of sediment. The depth below grade of the sediment will be recorded. In addition the depth below the outlet will be recorded.

All catch basins which have trash, sediment or debris accumulations of more than 50% of the free depth between the outlet and bottom of the catch basin will be scheduled for maintenance cleaning within a 6 month period of the inspection. Basins which have less than 50% accumulation will be scheduled for cleaning within 1 year from the date of inspection.

Catch basins which are inspected and determined to have a significant floating layer of petroleum will be cleaned using an absorbent pad removed and disposed of prior to the next rainfall event.

Leaching catch basins/pools which are holding water more than 48 hours measured to be ½ of the effective depth of the leaching pool/basin will be scheduled for reinspection after (7) days of dry weather. If the standing water persists in the basin after the (7) day period it will be scheduled for a maintenance cleaning.

Maintenance of catch basins will include vacuum removal of accumulated sediment and to reestablish leaching. If the vacuum procedure removes more than 1 ft of sand below the bottom of the pool it will be replaced with clean sand to maintain the structure.

The Village is responsible for the inspection and maintenance of the following stormwater inlets and associated systems:

		Inventory Label
Village ROWs:	78 inlets	V#
Wincoma Association ROWs:	14 inlets	VW#
Baycrest Association ROWs:	14 inlets	VB#
Nathan Hale Association ROWs:	2 inlets	VN#
Bay Hills Association ROWs:	24 inlets	VBH#
Site Plan Required:	2 inlets	VA#

A total of 134 stormwater inlets will be inspected and maintained by the Village. This is a significant increase in responsibility. As a result of the decision by Village Trustees the number of basins municipally maintained increases from 69 to 134.

A total of 184 catch basin inlets were inventory located and labeled. The remaining inlets are privately maintained.

1.1.2 Reporting Method:

The catch basin inspection will be reported on the attached data sheet. The Village will maintain a record of maintenance on each catch basin within the Village maintained collection system. The maintenance record will include quantity of material removed from each basin.

On an annual basis the East Shore Road filter inserts will be removed and replaced. A record will be maintained of replacement date and quantity of material removed.

1.1.3 Reporting Period 2023-2024:

The Village serviced a total of (32) catch basin inlets were cleaned during the 2023-2024 reporting period. The Village budget constraints reduced the amount of cleaning possible. The basin cleaning was limited to (32) basins which were reportedly exhibiting surface flooding during storm events and excessive buildup of sediment/debris.

1.1.4 2024-2025 Goals:

Ensure that there are sufficient Budget funds available to visually inspect all inlets annually. For budgeting purposes it should be assumed that ½ of the basins will require maintenance cleaning each year.

Inspect all basins which are fitted with FABCO filters (East Shore Road) and replace the filters on an annual basis. The cost of the filters should be added to the standard budget for stormwater maintenance.

Maintain a record of basins inspected, cleaned and material removal for each inlet. The data form for record keeping is attached to this report.

Confirm that all inlets are shown/located on the Village GIS Map. In addition purchase replacement identification labels for all basins in the Village. The labels are important to reporting of drainage issues and potential illicit discharges.

Solicit contractor bids for the proposed improvement to the Kanes Lane/East Shore Road Intersection drainage improvement. This improvement includes the following:

Kanes Lane Intersection: (5) Catch Basins: Inventory ID V4, V45, V6, V7 & V176
Install new standard double catch basin
Install (3) inlet Filter (double CB)
Install (4) single filter inserts on remaining CBs

**This work requires the replacement of an existing nonstandard inlet which receives a major portion of the tributary flow. A standard precast double inlet will be installed and fitted with FABCO filters. There are no construction records at this location and therefore it is likely that the proposed construction work will interfere with existing utilities etc*.

The timeframe for installation of the proposed improvement will be established after receiving/reviewing of contractor bids. The installation may require a number of years to fund based on budgetary considerations.

1.2 Leaching Basin Inspections:

In cases where leaching basins receive discharge from properly maintained catch basins the potential for sediment/oil clogging of the soils which provide percolation is reduced. Catch basins however are not 100% effective in removing materials. Leaching basins therefore over time will accumulate sediment which impacts the efficiency of disposal.

1.2.1 Inspection Method:

Leaching basins shall be inspected every (3) years to determine if excessive sediment is present. The basins will be opened and measured to determine if there is standing water 48 hours after a storm event of more than 0.5 inches. Leaching pools that have more than

50% of the depth impacted by standing water will be scheduled for a reinspection after (7) days of dry weather. If the basin continues to have a standing water elevation of more than 50 % of its depth it will be scheduled for cleaning.

Cleaning of leaching pools will be accomplished using a vacuum truck to remove accumulated sediment and restore leaching.

1.2.2 Reporting Method:

The leaching basin inspection will be reported on the attached data sheet. The Village will maintain a record of maintenance on each leaching basin within the Village maintained collection system. The maintenance record will include quantity of material removed from each basin.

1.2.3 Reporting Period 2023-2024:

During the reporting period (2) leaching Systems were cleaned. The East Shore Road and Woodland Intersection leaching pools were inspected and cleaned. Inspection and cleaning of leaching basins was placed on temporary hold due to budgetary constraints.

1.2.4 2024-2025 Goals:

Ensure that there are sufficient Budget funds available to inspect all basins within each three year period. Assume that 25% of the leaching basins will require maintenance cleaning to establish a Budget.

2.0 Winter Roadway Maintenance:

The roadways within the Village are tributary to catch basins and leaching pools. In addition there are portions of the Village where roadways may overflow into the surrounding surface waters of the Bay and Harbor during significant storm events. Excessive application of sand and deicing salts to the roadways in the Village could result in water quality impacts to the Bay and Harbor. In addition, excessive sand application will increase the frequency and cost of catch basin and leaching pool maintenance.

The Village of Huntington Bay purchases and stores salt and sand in Town of Huntington facilities. There is no storage of salt or sand within the Village boundaries. The Town of Huntington is a participating member of the MS4 program and therefore it is assumed that the materials are properly stored and protected.

The Village does not own or operate salt spreaders, snow plows or sanders. The Village contracts with a vendor/contractor for winter roadway maintenance. The vendor utilizes the Village material stockpile stored at the Town of Huntington facility. The Village purchases the sand and salt from the same vendor utilized by the Town. It is in the best interest of the Village to monitor the amount of salt and sand applied by the contractor.

Excessive application/use of sand and salt will increase annual maintenance costs to the Village.

2.1.1 Implementation:

The contractor/vendor selected for the winter maintenance of the roadways within the Village will be required to confirm that he is familiar with the NYSDEC Best Management Practices regarding application of the materials.

The application of the materials to Village roadways will be monitored to determine if excessive salt or sand has been applied by the vendor/contractor.

The MSDS sheets for the salt purchased for application to Village roadways will be reviewed for contaminates of concern.

2.1.2 Reporting Period 2023-2024:

During the reporting period the salting/sanding was not required.

2.1.3 2024-2025 Goals:

Maintain a record of application of salt and sand within the Village. The dates of application and quantity of purchased sand/salt should be recorded.

3.0 Street Sweeping:

The removal of accumulated sand and debris from Village Maintained roadways is important to the reduction of the pollutant loading to the catch basins and leaching systems which provide drainage and disposal of runoff. In addition, the removal of the material reduces the potential for sand and silt runoff to the Bay and Harbor Areas.

3.1 Implementation:

The Village of Huntington Bay retains a contractor for the removal of accumulated sand and silt on the roadways. Roadways are visually inspected by the Village Highway Superintendent to determine need for removal. At a minimum all Village roadways are swept once per year. The record of roadways swept, date of cleaning, material removal quantities and disposal location will be maintained.

3.1.1 Reporting Period 2023-2024:

During the reporting period the roads were not swept due to budget constraints.

3.1.2 2024-2025 Goals:

Continue to implement the reporting requirements. The Village will withhold payment to the Vendor pending a summary sheet of roads swept, service date, quantity removed and a disposal ticket. Sweeping is contract work and the Village will require the contractor to submit the required records as a condition of final payment.

The Village will establish a budget sufficient to sweep roadways on a (1) per year minimum timeline based on historical records of cost.

4.0 Village Vehicle Maintenance:

The Village of Huntington Bay Police vehicles are maintained at licensed facilities outside of the Village. On site maintenance of vehicles including car washing does not occur within the Village. The Village does not own or operate additional vehicles.

5.0 Dog Waste Program:

The Village has adopted a local law regarding dog waste which requires the removal and disposal of feces by the pet owners. (Section 20-11). It is important to encourage residents to comply with the regulations to reduce the loading of fecal bacteria to Huntington Harbor and Huntington Bay.

A total of (10) dog waste bag stations have been installed within the Village. The Village is responsible for supplying bags and maintaining the stations. The stations are located adjacent to Beach access locations and areas where residents have requested an installation.

5.1.1 Reporting Period 2023-2024:

The Village has continued to purchase and install dog waste bags at the (10) locations in the Village.

5.1.2 2024-2025 Goals:

The Village will continue to monitor the existing dog waste bag stations and provide replacement bags.

6.0 Goose Feeding Prohibition:

It is important to limit the quantities of goose feces which are discharged to the Huntington Harbor and Huntington Bay. Runoff which contains goose waste creates additional fecal bacterial loading to the surrounding surface waters.

The Village of Huntington Bay adopted a new local law 12/13/11 (filed with NYS 12/21/11) which prohibits the feeding of geese and other waterfowl within the Village.

It should be noted that the Village does not own or control significant non roadway property. Therefore the control of geese populations within the Village requires actions by private landowners and Associations. In both cases geese droppings adversely impact the ability to utilize/enjoy private yards and Association beaches. The Village will explore successful methods of geese control that have been utilized in Huntington Harbor and Huntington Bay by adjacent Villages. If the Village can implement the control measure along a ROW area to control geese it will be considered by the Trustees.

The impact of goose droppings on surface water quality in the Village may be linked to the recent Cyanobacteria (Blue Green Algae) bloom in Willow Pond. On 4/17/17 the Suffolk County notified the Village the algae is present in Willow Pond. Human and domestic pet warning notices were posted around the pond by Suffolk County. Willow Pond is a private surface water surrounded by private property. Geese are utilizing the Pond and private yard areas year round. The droppings from the geese are impacting Pond water quality. The bacteria associated with droppings may also be contributing to the beach closures which occurred in 2016 within the Village.

6.1.1 Reporting Period 2023-2024:

As previously noted the Village does not own or maintain property which is significant habitat for geese. The issue is confined to private property within the Village. A control method has not been identified which can reliably be utilized by individual property owners.

6.1.2 2024-2025 Goals:

Continue to monitor the actions of residents to control geese and the rate of success. Review programs utilized in surrounding MS4 areas and determine if the methods can be applied to the Village. The Village will purchase (6) signs to encourage residents not to feed wildlife and post them along East Shore Road ROW (Harbor waterfront) and at the (3) ROWs which terminate at the Bay Beach.

7.0 Fertilizer Application:

The discharge of stormwater runoff to the tidal and freshwater wetlands and surface waters located within or adjacent to the Village of Huntington Bay can adversely impact the water quality and habitat. It is therefore desirable to reduce overall fertilizer use within the Village of Huntington Bay.

The Village posted Suffolk County rules and regulations concerning contractor application of Fertilizer. Suffolk County prohibits the application of Fertilizer from November 1 to April 1.

7.1.1 2024-2025 Goals:

Provide information at Village Hall and on its web site available to residents regarding the need to restrict Fertilizer use as a means of improving water quality.

The Village will when feasible require that Site Plan applicants include 10 ft minimum width setback of non/fertilized vegation from surface waters. The 10 ft non fertilizer buffer strip can be a combination of decking/paving and native plantings. A 5 ft minimum non fertilized native planting strip will be required when feasible as part of the landscape plan.

8.0 Illicit Discharge Detection:

A comprehensive study was completed on 12/1/09 by the Cornell Cooperative Extension of Suffolk County of potential illicit discharges within the Village of Huntington Bay. The study provides locations of all outfalls within the Village. The results of the study did not identify the presence of an illicit discharge to the surface waters within/adjacent to the Village. It is important to identify and eliminate illicit discharges to the Village owned stormwater system. Discharges of contaminates to leaching pools and drains can potentially result in contamination of the Harbor and Bay.

Cornell Cooperative Exchange completed an update of the IDDE survey in 2015.

The results of the 2015 Study indicate that:

There were 52 outfalls previously reported in the 2009 IDDE Study

The 2015 results indicate that 20 of the 2009 outfalls have been eliminated. The elimination is based on removal of the outfall or reclassification of the outfall. There were outfalls designated under the previous IDDE which were retaining wall drains which do not qualify as an outfall or potential illicit discharge source.

A total of (6) new outfalls were mapped under the study.

The total number of outfalls mapped in the Village is 38. The study did not identify discharges under dry weather conditions which qualify as an illicit discharge. The discharges appear to be primarily private property stormwater outfalls. It should be noted that the Village has not approved a private discharge to a surface water subsequent to the establishment of the MS4 reporting requirements.

Cornell Cooperative Exchange completed an update of the IDDE survey in 2019.

The survey/report indicates the following:
There are a total of 36 outfall locations
Piped outfalls detected 31
Road End Outfalls 5

The IDDE Survey did not identify illicit discharges from the outfall locations. All outfalls were determined to be stormwater related. There is a net decrease of (2) outfalls from the previous survey.

The IDDE 2019 Report is posted on the Village web site.

8.1.2 2024-2025 Goals:

The Village will retain Cornell Cooperative Exchange to complete an update of the IDDE survey in accordance with NYSDEC requirements. The outfall location data collected will be utilized to create a GIS mapping of all outfalls in the Village.

The Village will cross reference the outfall locations to tributary area maps and inlet data to determine if Village owned structures are the source of the discharge. If the discharge pipes are associated with Village owned inlets the installation of FABCO pretreatment filters will be considered during the 2021 – 2022 reporting period. The road end discharges have been previously addressed via upland installations of leaching catch basins.

Create an IDDE informational brochure to post on the Village web site to explain why it is important to report suspected discharges to the Village.

Create an IDDE reporting flow chart to assist in response to potential discharges within the Village. The responsibilities of Village personnel as part of the program will be provided as part of the chart.

Cornell Cooperative Exchange will be retained to review the IDDE program requirements and provide training to Village personnel. As part of this program the Village will invite representatives of the private Beach/Roadway Associations to the training meeting.

9.0 Public Participation and Comment:

It is important to inform and educate the Village Residents regarding the MS4 Stormwater Management Program. Residents within the Village of Huntington Bay can assist in the development of program goals which may significantly improve water quality in the Bay and Harbor. In addition, as residents become educated regarding the implementation of best management practices to improve stormwater quality it is likely that contaminant loading to the surrounding surface waters will be reduced.

9.1.2 2024-2025 Goals:

Utilize the Village website to improve communication with residents regarding the MS4 program. This will include posting of Draft Studies and Reports to the website.

10.0 On Site Sanitary Systems:

The Village of Huntington Bay does not contain sanitary sewers. The sanitary waste generated by residences and beach clubs within the Village discharge waste to onsite septic systems. The on site septic systems are under the direct supervision of the Suffolk County Department of Health Services.

The water quality of Huntington Harbor and Bay is impacted by pathogens. The presence of E coli bacteria above NYSDEC Water Quality and SCDHS standards has resulted in closure of shell fishing and beach uses. The sources of bacteria include stormwater runoff which contains wildfowl and dog waste contamination, illicit discharges of sanitary waste and non compliant poorly operating on site sanitary systems. The Village of Huntington Bay has taken action to reduce the direct discharge of stormwater to the surrounding surface water via the enforcement of a strict on site leaching design criteria. In addition, the Village has installed roadway leaching systems in Village and Association ROWs to reduce roadway discharge to the surface water. New Code sections have been adopted to prohibit feeding of wildfowl and dog waste bag stations have been installed. Discharge mapping and the IDDE program is in place to monitor all direct discharges to the surface waters.

There is a possibility that there are existing poorly functioning on site sanitary systems within the Village which contribute to water quality issues in the surrounding surface waters. The Village requires that applications for Building Permits and Site Plans comply with SCDHS criteria regarding on site sanitary systems. The SCDHS requires that existing septic systems be inspected and repaired/replaced in accordance with the attached Memorandums. These Memorandums are summarized below:

If the CO for the house/structure was issued prior to 1973 and the applicant is increasing the number of bedrooms a SCDHS approval is required. The definition of bedrooms is provided in the attached memos.

If the CO for the house is post 1973 and the renovation will result in more than 4 bedrooms. The only caveat is a renovation where the applicant can produce a SCDHS approval that shows the system installed was for more than 4 bedrooms.

All apartment applications in our Village require SCDHS approval.

Full house demolition and reconstruction.
The existing system needs to be moved.

These SCDHS requirements however do not address homes/structures having a CO that predates 1973, which are proposing renovations that do not increase the number of bedrooms. There are renovations of homes in the Village which meet the criteria for Site Plan approval review (20%) modification of floor area and/or Waterfront Zone that were constructed over 40 years ago that are not proposing addition of a bedroom and do not meet the SCDHS threshold criteria requiring review. These applicants are not required to establish that their existing on site sanitary system is fully operational and compliant with

the current SCDHS regulations. There is a potential that the existing systems are not operating correctly and do not have sufficient capacity for the single family home or structure.

The Village Building Inspector and Administrator will document that each Site Plan applicant has received the Site Plan check list and septic system conditions. A list of properties which have been subject to the Village requirement will be maintained to judge/document the effectiveness of the provision.

A copy of the Site Plan and Steep Slope Check list including the septic provisions will be posted on the web site.

All Site Plan applications submitted to the Village of Huntington Bay must comply with the attached SCDHS Memorandum Requirements which are summarized below:

- *If the CO for the house/structure was issued prior to 1973 and the applicant is increasing the number of bedrooms a SCDHS approval is required. The definition of bedrooms is provided in the attached memos.*

- *If the CO for the house is post 1973 and the renovation will result in more than 4 bedrooms a SCDHS approval is required. The only caveat is a renovation where the applicant can produce a SCDHS approval that shows the system installed was for more than 4 bedrooms.*

- *All apartment applications in our Village require SCDHS approval.*

- *Full house demolition and reconstruction of a new home will require a SCDHS approval.*

- *The relocation of an existing system requires SCDHS approval.*

Site Plan Applications submitted to the Village of Huntington Bay must comply with the following SWMP Criteria:

If your Certificate of Occupancy predates 1973, and your existing septic system is located within 300 ft of surface water including freshwater and tidal wetlands, and you are increasing and/or modifying/constructing sufficient floor area to trigger a Site Plan Review, you must submit a SCDHS "Certification of Existing Surface Subsurface Disposal and Water Supply Facilities for a Single Family Home" Form WWM-072. The Certificate of Inspection must be completed by a qualified professional retained by the applicant.

In the event that the Certificate of Inspection indicates that the existing sanitary system requires modifications, upgrades, repairs and/or replacement the applicant will be required to obtain a "SCDHS Certificate of Constructed Works" approval prior to issuance of a new CO.

The Suffolk County Department of Health Services adopted a new residential code effective July 1, 2021. The new code requires that all new construction must install an IA system. In addition, renovation resulting in increased bedroom count, relocation of an existing system or multiple pump outs in a single year will require that the resident replace the system with an IA system.

The Village Building Inspector and Engineer have included the review of the existing sanitary systems for properties within the waterfront area. Impacted applicants have agreed to the required upgrade of their sanitary system or have provided information which supports that they have a compliant system.

10.1.1 Reporting Period 2023-2024:

During the reporting period the Building Inspector monitored compliance with the Village requirements. In cases where new SCDHS approval was indicated the applicant was required to obtain an approval of the existing or proposed system prior to issuance of a building permit or certificate of occupancy.

10.1.2 2024-2025 Goals:

The Village will maintain a separate record of Building Permit application approval dates and include notations regarding the status of the SCDHS on site sanitary system. Prior to issuance of a Certificate of Occupancy the Building Inspector will insure that the as built survey provides locations of the installed water service, sanitary system and stormwater system on the site. If no SCDHS approval was required as part of the building permit process the as built survey will be utilized to confirm that the applicant complied with required offset distances between the building's water service, stormwater system and sanitary installations.

11.0 GIS Mapping of Village Conveyance System:

The Village owned/maintained stormwater inlets have been previously located using GPS and establishing the Latitude and Longitude locations. The inlets within the Harbor tributary area were not accurately located for download into the NYSDEC database. The data was updated for the Harbor Tributary Area using survey quality GPS location equipment and the data was released to the NYSDEC. Approximately 33% of the inlets have been located using Survey GPS equipment. The remaining inlets were located utilizing a hand held GPS supplemented with address comparison/aerial locations and field measurements. This data was then imported into the GIS map. All discharges which were located under the IDDE Program 2019 update are GIS accuracy reported and are shown on the GIS.

11.1.1 2024-2025 Goals:

Import the results of the Cornell IDDE 2024-2025 survey of outfalls into the GIS Map. In addition the Map will be updated to show locations of Association Beaches.

12.0 Local Waterfront Revitalization Program (LWRP):

The Village does not currently have an approved LWRP in place. The Village jurisdiction along the waterfront is currently limited to the mean high water (MHW) location. The Town of Huntington has jurisdiction/control over use of the underwater land adjacent to the Village. The LWRP will study current land use zoning along the waterfront and how water dependent uses can be accommodated without adversely impacting the environment. The final LWRP will recommend actions that can be taken by the Village of Huntington Bay to improve/revitalize the waterfront area and protect the existing habitat and water quality of the Huntington Bay and Harbor. Cashin Associates has been retained to prepare the LWRP. The LWRP process includes coordination with a committee of concerned residents.

12.1 Reporting Period 2023-2024:

The Village obtained grant funding from the NYSDOS to support the completion of the LWRP program. During the reporting period the Village reviewed the comments from the NYSDOS on the Draft documented submitted. Work to respond to the comments was placed on hold awaiting a decision regarding funding.

12.1.2 2024-2025 Goals:

Complete the process to receive funding under the grant program which requires contract acceptance and authorization. After the contract has been authorized by NYSDOS the LWRP process will restart and comments will be addressed. The goal is to submit the revised LWRP in this reporting period.

13.0 General Permit Compliance Summary

13.1 Part VI. Minimum Control Measures (MCMs) for Traditional Land Use Control MS4 Operators

13.1.1 MCM1 – Public Education and Outreach Program

1. Development

   a. Focus Areas
   Importance of decreasing the impacts of dog waste on the Huntington Harbor impaired surface water. Importance of controlling Fertilizer Application as a method of reducing Nitrogen discharge to the surface waters.

   b. Target Audiences
   Residents of the Village will be targeted using the Village Web site and outreach to the Road and Beach Associations.

   c. Education and Outreach Topics: Control of Fertilizers, Control of dog waste in the Village

   d. Illicit Discharge Education

   The Village Engineer has received IDDE Training by Cornell Cooperative Exchange in 2020 in addition to representatives of the Road and Beach Associations. The Village has contracted with Cornell Cooperative Exchange to conduct a 2024-2025 Illicit discharge study and train Village officials. The training session will be held at Village Hall and remotely and include invitation of the Road and Beach Association and general public. The notice to the general public will be included on the web site.

   The Village website includes an IDDE identification and reporting attachments.
   Microsoft Word - Illicit Discharge brochure.docx (huntingtonbay.org)

2. Implementation and Frequency

   a. Distribution Method of Educational Messages
   Messages will/are advertised on the Village Web site.
   Stormwater Management | huntington-bay (huntingtonbay.org)

   b. Frequency
   The posting on the website will be completed on an as needed basis. It is estimated (2) per year postings.

   c. Updates to the Public Education and Outreach Program
   No planed updates are scheduled for the 2024-2025 period other than those stated above.

13.1.2 MCM 2 - Public Involvement/Participation

1. Public Involvement/Participation

2. Public Notice and Input Requirements

   a. Public Notice and Input Requirements for SWMP Plan:
   Notice of Draft SWMP provided as part of Trustee Meeting

   b. Public Notice and Input Requirements for Draft Annual Report
   Notice of Draft SWMP provided on Web Site.

   c. Consideration of Public Input
   Comments received at public hearing and review of Draft held on 9/9/24
   SWMP Draft was available at Village Hall for 5 days for comments.

13.1.3 MCM 3 - Illicit Discharge Detection and Elimination

1. Illicit Discharge Detection

   a. Public Reporting of Illicit Discharges
   Website information reporting what is an Illicit discharge and reporting procedure is provided. Microsoft Word - Illicit Discharge brochure.docx (huntingtonbay.org)

   The 2020 IDDE Study did not locate illicit discharges. The 2024-2025 Illicit Discharge Study will be reviewed to determine if monitoring, prioritization sampling and elimination is required.

13.1.4 MCM 4 - Construction Site Stormwater Runoff Control

1. Applicable Construction Activities/Projects/Sites
   All Site Plans reviewed in the Village are reviewed to determine if they require coverage under the General Permit. It should be noted that in the last (5) years only one project qualified under the subdivision section for both erosion control and post construction stormwater management. The project was closed with a notice of Termination.

   In 2023-2024 (1) residential Site Plan was evaluated and determined that it exceeded the (1) acre limitation of clearing requiring coverage under the General Permit. An Erosion Control Plan was prepared and an NOI was submitted.

   It should be understood that it is unusual for a single family Site Plan project in the Village of Huntington Bay to exceed the 1 acre limit for erosion control and 5 acre limit for stormwater management.

2. Public Reporting of Construction Site Complaints
The Village Website provides information regarding reporting of Construction Site Silt Discharge reporting. Stormwater Management | huntington-bay (huntingtonbay.org)

3. Construction Oversight Program
The Village Engineer is responsible for determining when a project is subject to the requirements of the General Permit. Jeffrey P. Vollmuth, P.E. jeff@vollbrush.com.

4. Construction Site Inventory & Inspection Tracking
Construction Sites in the Village are inspected by the Village Building Inspector and in cases where more than 1 acre of clearing is required the Village Engineer inspects the property.

5. Construction Site Prioritization

6. SWPPP Review
Site Plans with Erosion Control details are reviewed by the Village Engineer, Jeffrey Vollmuth, P.E. jeff@vollbrush.com.

7. Pre-Construction Meeting
Required on all projects subject to SWPPP. Village Building Inspector, Village Engineer, General Contractor, Site Contractor and Owner are required attendees.

8. Construction Site Inspections
Construction Site Inspections by the MS4 are typically (1) per month minimum. The Inspections are completed by the Village Engineer or Village Building Inspector.

9. Construction Site Close-out
Final Closeout is based on inspection by the Village Building Inspector or Village Engineer, receipt of an as built survey showing the improved site, finish grades, drainage installations, sanitary installation and water services. The Village requires a SCDHS as built approval for the installed sanitary system as a condition of release.

13.1.5 MCM 5 – Post-Construction Stormwater Management

The Village of Huntington Bay has not encountered a project in 5 years which required post construction stormwater infrastructure. Single family development in the Village is typically limited to less than 1 acre of clearing.

1. Applicable Post-Construction SMPs
In the Village of Huntington Bay private drains are designed based on a 6 inch rainfall criteria which exceeds NYSDEC requirements.

2. Post-Construction SMP Inventory & Inspection Tracking
If a SMP is required the inspections will be tracked via email reporting and digital log.

3. SWPPP Review
All residential projects < 5 acres.

4. Post-Construction SMP Inspection & Maintenance Program
If a project requires stormwater installations other than standard leaching pools and a discharge to the surface water is approved the Village will annually inspect the system. If the system requires maintenance or repair the Village Building Inspector will issue a notice of required corrective action.

13.1.6 MCM 6 – Pollution Prevention and Good Housekeeping

1. Best Management Practices (BMPs) for Municipal Facilities & Operations

a. Minimize Exposure: All vehicles are maintained offsite.

b. Follow a Preventive Maintenance Program NA

c. Spill Prevention and Response Procedures: NA

d. Erosion and Sediment Controls: Not required

e. Manage Vegetated Areas and Open Space on Municipal Property: Landscape Contractor retained to manage the Village Hall property and the drainage parcel.

f. Salt Storage Piles or Pile Containing Salt: Purchased offset at Town of Huntington Facility

g. Waste, Garbage, removed from Village property under private contract. Floatable Debris is not an issue based on the fact that the Village does not own waterfront.

h. Alternative Implementation Options

2. Municipal Facilities
    a. Municipal Facility Program
    b. Municipal Facility Inventory
c. Municipal Facility Prioritization
d. High Priority Municipal Facility Requirements
e. Low Priority Municipal Facility Requirements

The Village Facilities are limited to the Village Hall property. The property is tributary to on site stormwater leaching pools and a sanitary system. The stormwater leaching pools are inspected annually and cleaned on an as needed basis.

3. Municipal Operations & Maintenance
    a. Municipal Operations Program
    b. Municipal Operations Corrective Actions

b. Catch Basin Inspection and Maintenance
The Village is responsible for maintaining 134 inlets in the Village owned ROWs and Private ROW where the Village has agreed to maintain inlets. All inlets are inspected annually. The Village Budget includes sufficient funds to clean 50% of the basins each year. The inlets are associated with stormwater leaching basins with the exception of 11 inlet/outfalls on East Shore Road.

c. Roads, Bridges, Parking Lots, & Right of Way Maintenance
Village ROWs are swept a minimum of once per year. Material removed is transported to a NYSDEC approved facility outside of the Village. The contractor provides disposal tickets to the Village.

13.2 Part VIII. Enhanced Requirements for Impaired Waters

13.2.1 Pollutant Specific BMPs for Pathogens

1. Mapping

Village of Huntington Bay has mapped all inlets on their overall Map. The mapping of outfalls is based on location data provided by Cornell Cooperative Extension which created the 2020 report. Cornell has been contracted to update the IDDE survey in 2024-2025 period. When the data is available it will be included in the map.

2. Public Education and Outreach

Village Trustee Meetings include discussions regarding the importance of maintaining dog waste bag stations and reporting malfunction of septic systems. IDDE training of Village staff and Road Association representatives will be held in the 2024-2025 period. The 2020 IDDE survey is posted on the Village web site for review and the updated one will be posted.

4. Illicit Discharge Detection and Elimination

An updated IDDE survey update has been contracted and will be completed in 2024-2025. Previous surveys did not identify the presence of illicit discharges.

5. Pollution Prevention and Good Housekeeping

a. Infrastructure Maintenance
There are Inlet inserts installed on East Shore Road Basins which discharge to the Harbor. The FABCO filters are replaced annually by the Village and they are designed to remove pathogens.

b. Wildlife Control
There are no significant locations within the Village ROWs where geese have become a nuisance and/or potentially impact water quality. The Village however has decided to erect (6) signs which encourage residents not to feed the wildlife. There will be (3) signs along the East Shore Road Corridor ROW which abuts the Harbor and (3) signs at the locations where Village Roads terminate at the Bay/Beach.

c. Animal Waste Control
There are 10 dog waste bag stations are maintained by the Village and an existing Code section regarding dog waste.

6. Planned Upgrades to Municipal Facilities in Sewer sheds to Impaired Waters
The stormwater system at the intersection of Kanes Lane and East Shore Road to modify the inlets to accept FABCO Filters to pretreat prior to the discharge to the Harbor.

14.0 Village Code Sections:

There are Existing Village Codes Which Address MS4 Requirements and Enforcement are available for review online Village of Huntington Bay, NY The Code (ecode360.com). A link is also provided on the Village web site.

Chapter 19:	Waterfowl and Goose Feeding
Chapter 20:	Dogs and Other Animals
Chapter 73:	Steep Slopes
Chapter 73A:	Stormwater Runoff
Chapter 73B:	Erosion and Sediment Control; Stormwater Management
Chapter 73C:	Illicit Discharges and Connections
Chapter 89:	Wetlands Protection
Chapter 91-11E	Site Plan