

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 Implementation:

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.

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All catch basins which have sediment accumulations of more than 1/3 of the free depth between the outlet and bottom of the catch basin will be scheduled for maintenance cleaning. Maintenance cleaning should occur within 90 days of the inspection period.

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 1/2 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.

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.

1.1.3 2015 Reporting Period Goals

The Village will install permanent number markers at each of the Inventory located inlets. Village funding will be utilized to purchase and install the markers on Village and Private Roadways. The numbered inlets will assist the Village in maintaining an accurate record of inspection/maintenance and will simplify reporting of spills or illicit discharges from the residents. The numbered inlets in private roadways will assist the Associations in the identification of required maintenance for private contractor removal.

The Village will review all records regarding the installation of stormwater systems within Association roadway easements. The basins and inlets installed using Bond money will be maintained by the Village. The Village will review site plan approvals issued which required the installation of stormwater systems in Association ROW areas. The maintenance of Village required site plan stormwater management systems in Association ROW areas will be the responsibility of the Village. The 2015 Goal will be the updated documentation of all inlets and stormwater systems that are the responsibility of the Village to maintain.

The Village will work with the Bay Hills Association in the identification of funding sources to support the implementation of the conceptual retrofit program of the existing Beach outfall system.

The Village will move forward with a program to install filters designed to remove bacteria at Village owned inlets which discharge to the Huntington Harbor. Based on the inventory results V&B has identified (11) existing inlets which discharge roadway runoff to the Huntington Harbor. Huntington Harbor is adversely impacted by discharge of bacteria associated with stormwater and wastewater. The conceptual plan includes modification of inlets to accept FABCO filters in the basin inlets to pretreat the stormwater prior to discharge to the Harbor. Because of the expenditure required to retrofit the existing discharge locations this goal will extend over a period of two reporting periods.

The Village has authorized the installation of inserts in CB locations #1, #2, #3. The first (3) installations will be monitored to determine if there are adverse operational considerations that will be associated with the inserts.

1.1.4 2015 Progress Report

All catch basins within the Village were located. The location information included the type of basin, photograph of basin, coordinate locations, adjacent home and plotting on the Village Drainage Plan. A total of 181 stormwater inlets were located. The Village reviewed historical information regarding the construction and installation of stormwater basins within the Village and private Association ROWs.

The results of the investigation indicated that the Village will be responsible for the inspection and maintenance of the following stormwater inlets and associated systems:

		Inventory Label
Village ROWs:	76 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:	23 inlets	VBH#
Site Plan Required:	2 inlets	VA#

A total of 131 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 131.

A total of 180 catch basin inlets were inventory located and labeled. The remaining inlets are privately maintained.

The Village cleaned a total of 26 catch basins during the reporting period and disposed of 17 cubic yards of material. The reporting sheet for the 2015-2016 maintenance period is attached.

There are 11 Village maintained inlets which discharge to the Huntington Harbor. During the 2015-2016 reporting period the Village retrofitted (3) of the inlets with FABCO filter inserts in accordance with the stated goal. The filter inserts are designed to remove Pathogens from the stormwater runoff prior to discharge to the Harbor.

1.1.4 2016 Goal

During the 2016/2017 reporting period the Village will monitor the status of the markers to confirm that they are properly adhering to the basins. In addition the updated Catch Basin Inventory will be available in Village Hall. A copy of the map and inventory list will be posted on the web site. The residents of the Village will be notified via web site posting that reporting of flooding, illicit discharges or catch basin structural issues to the Village administration should include the Label # data to improve response to the issue from Village staff.

During the 2016 reporting period the Village will utilize the inventory listing, map and label data to closely monitor contractor cleaning and billing for work completed.

The Village Trustees have agreed to move forward with the installation of additional FABCO inlet filters to pretreat stormwater prior to Harbor Discharge. During the 2016 reporting period the (4) inlets at the intersection of Kanes Lane and East Shore Road will be retrofitted with filters designed to reduce Pathogen discharges to the Harbor.

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 2015 Reporting Period Goals

The 2015 Program Goal is a third party inspection of all leaching basins installed within the Village. Vollmuth & Brush will inspect each leaching basin to determine the status of the system and the effectiveness of the maintenance program.

The Village will purchase (300) medallions sequentially numbered to ID all inlets within the Village regardless of Village/Association ownership. The ID installation will replace temporary paint marking. The clear identification of each basin will simplify record keeping at the Village and Associations.

1.2.4 2015 Progress

All basins were inspected by Vollmuth & Brush as part of the inventory procedure discussed under Section 1.1.3. During the reporting period the Village inspected and repaired basins located at the intersection of Gormley Lane and Hecksher Lane.

1.2.5 2016 Goals

During the 2016/2017 reporting period the Village will continue with the inspection process. Where feasible the leaching basins connected to inlets will be inspected for accumulation of material. It should be noted that material accumulation is not expected if catch basins are properly maintained. A reduction in stormwater system function will result in Street flooding. The new label system will allow residents to report flooding to the Village. Reports of flooding will be followed up with inspection of the inlet and leaching basin to determine if maintenance is necessary.

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.

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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 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 contaminants of concern.

2.2 2015 Reporting Period Goal

It should be noted that the Village does not store/stockpile sand/salt within its boundaries. The Village will continue to monitor total salt/sand applied to roadways.

2.3 2015 Progress

The Village purchased 400 tons of sand/salt from Power Crush, Inc. in the months of January and February, 2016. During the January and February snow events, the Village used 158 yards of the sand salt mixture. This mixture is stored at the Town of Huntington facility on Oakwood Road, Huntington.

The sand/salt application in 2015/2016 reporting period was significantly lower than the 2014/2015 period where 550 cu.yds of material were added to the roads. The 2015/2016 reporting period had few storm events. The application of salt and sand to the Village roads is monitored by the Village to control costs. The fringe benefit to the monitoring is the reduced application quantity.

2.4 2016 Goals

The existing salt purchase and storage program will continue. Material will not be stored or stockpiled within the Village. The approved Town of Huntington yard will be utilized.

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.

3.2 2015 Reporting Period Goals

The sweeping of Village and Association roadways record keeping needs to be improved. The Village will request/require that the contractor fill out tickets listing which roadways were swept, date of work, disposal quantity and disposal site.

3.3 2015 Progress

The reporting improvement goal has not been met. The contractor retained for service of the roads does not maintain records that are sufficient to monitor cleanup and disposal effort/efficiency.

3.4 2016 Reporting Period Goals

The 2016/2017 reporting period goal is to achieve the goal set in 2015. The Village will request/require that the contractor fill out tickets listing which roadways were swept, date of work, disposal quantity and disposal site. Contractor payment will be withheld pending receipt of the proper documentation.

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.

5.1 2015 Reporting Period Goal

Install the dog waste station at the Bay Hills Beach summer 2015. Continue to monitor the stations installed by the Village. During the 2015 reporting period the Village will distribute stormwater brochures to residents which encourage that dog waste be picked up and properly disposed of.

5.2 2015 Progress

The Village has obtained the dog waste bag station for Bay Hills Association installation. The Bay Hills Association has not designated an acceptable location for the dog waste bag station.

The brochures are available at Village Hall and are now posted on the stormwater management portion of the Village web site.

5.3 2016 Reporting Period Goal

Install the Bay Hills Dog Waste Bag Station prior to August 1st 2016. The Village will continue to replace bags on an as needed basis at all station locations.

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.

6.1 2015 Reporting Period Goal

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 area of adjacent Villages. A summary of recommended control measures will be posted on the Village web site in 2015. If the Village can implement the control measure along a ROW area to control geese on adjacent private property it will be considered by the Trustees.

6.2 2015 Progress

The Village has not identified an effective means of goose control that will work within the Village Boundaries. The primary areas of concern continue to be on private property.

6.3 2016 Reporting Period Goals

During the 2016/2017 reporting period the Village will continue to explore the issue of goose control. MS4 areas tributary to the Harbor and Bay will be contacted to determine if they have discovered an effective means of control that would work with the Village boundaries.

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.

7.1 2015 Reporting Period Goal

The Village will authorize the Cornell Cooperative Exchange IDDE inspection contract proposal which will include discussion of methods to reduce Fertilizer use on Private property. A representative from Cornell will chair a presentation at Village Hall. The Village will invite residents and Association members to the meeting.

7.2 2015 Progress

The Village authorized the Cornell Cooperative Exchange IDDE inspection contract proposal which includes discussion of methods to reduce Fertilizer use on Private property. A representative from Cornell will chair a presentation at Village Hall. The Village will invite residents and Association members to the meeting. The IDDE portion of the contract was completed in March 2015. The training session will be scheduled during the 2016/2017 reporting period.

7.3 2016 Reporting Period Goal

Complete the 2015 Goal which includes the Cornell training session regarding IDDE and fertilizer application reduction methods.

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 contaminants to leaching pools and drains can potentially result in contamination of the Harbor and Bay.

8.1 2015 Reporting Period Goals

The Village will authorize the contract with Cornell Cooperative Exchange and the work will be completed in the 2015 reporting period. It will be requested that the public meeting include a presentation regarding the impacts of Fertilizers on surface waters and methods which can be utilized by residents to reduce the impacts. The Village will invite residents, Associations and adjacent Village administration representatives to the meeting.

8.2 2015 Progress

During the 2015/2016 reporting period the IDDE study was completed by Cornell. The results of the study indicate that:

There were 52 outfalls previously reported in the previous IDDE Study

The preliminary results indicate that 20 of the 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 primarily private property stormwater discharges.

8.3 2016 Reporting Period Goals

Review the data provided by Cornell under the IDDE program and compare the outfall locations to the inventory location of roadway stormwater inlets. The catch basin inventory indicates that there are (11) inlets which discharge to the Harbor. The inlets are being retrofitted with filter inserts to reduce Pathogen discharges to the Harbor. If additional Village inlets are connected to the outfalls located under the IDDE program the retrofit program may need to be expanded.

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 2015 Reporting Period Goals

It is the intent of the Village to organize an IDDE training meeting and invite representatives of each private Association to the meeting. It is hoped that this training session will serve the purpose of increased public participation in the goals of the SWMP.

9.2 2015 Progress

The Cornell training session did not occur during the reporting period. The training session was delayed as a result of the IDDE Study submission in March. The training session was scheduled to occur after receipt of the Study results.

9.3 2016 Reporting Period Goals

The training session will occur during the 2016/2017 Reporting Period.

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 sanitary waste to on site 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 pathogen. 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.

10.1 2014 Reporting Period Goal

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.*

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- *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.

This requirement has been implemented during the 2014 Reporting Period. Applicants are proactively addressing the requirement and submitting applications for upgrade of their systems as part of the Site Plan review process.

10.2 Reporting Period Progress

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 provided information which supports that they have a compliant system.

10.3 2015 Reporting Period Goal

The Building Inspector will maintain a record regarding each Site Plan approval impacted by the modified requirements. In addition, applications outside of the 300 ft setback will be reviewed for compliance and encouraged to voluntarily comply with the standard.

10.4 2015 Progress

The record keeping goal was not met in 2015. The building inspector passed away during the reporting period and the record keeping was not achieved.

10.5 2016 Reporting Period Goal

The 2015 record keeping goal will be achieved during the 2016/2017 reporting period.

11.0 Retrofit Program Plan Report

In compliance with the NYR 20A292 Requirements the Village of Huntington Bay prepared and submitted a Retrofit Program Plan to the NYSDEC Division of Water Permits on 9/26/14. The NYSDEC has determined that Huntington Harbor is a Pathogen Impaired Watershed.

The Retrofit Program Provided Information Regarding:

- Dog Waste Runoff
- Waterfowl and Geese Control
- On Site Sanitary Systems
- Illicit Discharges
- Stormwater Management

The following Data was provided to the NYSDEC

VHB Tributary Area to the Harbor:	144 Acres
Number of Residences within the Tributary Area:	183
Three non- Residential uses identified:	
Huntington Bay Yacht Club	
Wincoma Association Beach	
Wincoma Association Dock	

The Report included the required Maps:

- Figure 1: Village of Huntington Bay
- Figure 2: Illicit Discharge Outfall Study
- Figure 3: Aerial Map

11.1 2015 Reporting Period Goal

NYSDEC has not issued a corrective action mitigation report. If corrective actions are required in the 2015 Reporting Period the Village will make every effort to comply.

On a proactive basis the Village will begin retrofitting the (11) inlets located in East Shore Road which discharge to the Harbor. (CB Inlet # 1, 2, 3, 4, 5, 6, 7, 9, 10, 176, 177). Inlet #177 is a roadway overflow basin that will take flow when the intersection basins

(#1, #2, & #3 are overwhelmed/flooded) The inlets will be fitted with FABCO pretreatment filter inserts designed to remove pathogens from stormwater. The retrofit program is a multi year commitment and is budget dependent.

The Village has authorized the installation of inserts in CB locations #1, #2, #3. The first (3) installations will be monitored to determine if there are adverse operational considerations that will be associated with the inserts.

11.2 2015 Progress

The NYSDEC has requested a more accurate GPS location schedule of catch basin inlets within the Village. The data submitted to the NYSDEC was not sufficient for their mapping program.

The Village installed (3) FABCO catch basin inserts designed to reduce Pathogen discharge to the Harbor. CB #1, #2, #3 were retrofitted with the inserts and are being monitored.

11.3 2016 Reporting Period Goals

The catch basins inlets within the Village which are tributary to the Harbor will be located using a more accurate survey quality GPS system. The data will be provided to the NYSDEC as requested.

The Village has authorized the installation of (4) additional FABCO inserts at the intersection of Kaness Lane and East Shore Road. (CB# 4, #5, #6, #7).

12.0 Village Hall Renovation

The Village of Huntington Bay is renovating the existing Village Hall. The renovation includes additional floor area and modification of the bathroom. As part of the renovation the existing sanitary system will be replaced with a new system compliant with Suffolk County Department of Health Services requirements. The existing sanitary system was cleaned and tested for contamination prior to removal. The system was tested and the SCDHS approved the removal without soil remediation. In addition the renovation work included removal of a historically abandoned subsurface gas tank. The tank had been abandoned without benefit of SCDHS inspection. The abandoned tank was removed during the renovation process and the soils were tested for contamination. No historical contamination was found in the soils and the SCDHS did not require remediation.

The site plan associated with the Village Hall renovation includes modification of the parking area, installation of an ADA ramp and increased roof coverage. The plan includes installation of additional stormwater drainage to accommodate the new coverage.

12.1 2016 Reporting Period Goals

During the 2016/2017 Reporting Period the new sanitary system will be installed and inspected by Vollmuth & Brush and the SCDHS. The installed system final approval will be a goal during the reporting period.

The proposed stormwater systems will be installed consistent with the site plan. Inspection of the system during the installation process will be a reporting period goal.