

Group	Goals/Action Items	Steps Needed/Process	Timeline (Cost)	Action Status
A	Municipal Coordination & Actions			
A.1	Goal: Develop Uniform Legal/Policy Standards for Addressing Non-Permitted Discharges into Coastal Waters			
A.1a	Action Item: Town and Villages will develop and enact Inter-Municipal Agreements (IMAs).	IMA signed September 2014 forming Northport Harbor Water Quality Inter-Municipal Council (IMC).	2014	★ Complete
A.1b	Action Item: Towns and Villages will develop and enact uniform codes (i.e. Mandate capping of existing outfalls and create notice of violations [NOV] using uniform language for all municipalities.)	To be considered by Northport Harbor Water Quality IMC.	12 – 24 months	☆ In Progress
A.1c	Action Item: Establish uniform rules and regulations to correct illegal discharges/outfalls (e.g., redirection to dry wells, rain barrels, rain gardens, bio-swales.)	To be considered by Northport Harbor Water Quality IMC.	12 – 24 months	☆ In Progress
A.2	Goal: Establish Education/Outreach Materials			
A.2a	Action Item: Towns, villages, organizations will develop/distribute educational materials for homeowners on stormwater runoff control and septic systems maintenance.	Town of Huntington placed literature at local libraries and ordered 1,000 educational placemats for local restaurants.	Ongoing	★ Up to Date
A.2b	Action Item: Establish NHWQPC webpage on Town website.	Town of Huntington developing webpage.	Launch Winter 2015	☆ In Progress
A.2c	Action Item: Branding	Establish branding sub-committee to explore logo/tagline.	--	☆ In Progress
A.2d	Action Item: Public Educational Forum	Dr. Gobler, Stony Brook University, with CCE and TOH Maritime Services will schedule a series of public educational seminars in Town Hall.	Ongoing Next Event - Spring 2015	★ Up to Date

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	<u>Huntington; Northport; All Municipal Partners</u>			
B	Infrastructure Upgrades			
B.H1	Goal: Study & Analysis			
B.H1a	Action Item: Evaluate Cornell Cooperative Extension's DNA analysis report	Study will assist in identifying and isolating coliform sources.	(\$50,000 in grant funding to TOH)	★ Complete
B.H1b	Action Item: Map Outfalls and watershed topographies	Town model in GIS system using Cornell Cooperative and TOH data.	2014	★ Complete

Northport Harbor Water Quality Committee Action Matrix

Revision Date: 3/11/2015

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B	Infrastructure Upgrades (continued)			
B.N1	Goal: Waste Collection System Upgrades			
B.N1a	Action Item: Upgrade waste collection system. Repair and engineering of sewer pipe of the two exposed at low tide	DEC site inspection occurred. Northport will review feasibility with DEC and consultant.	Spring 2015	☆ In Progress
B.N1b	Action Item: Conduct video survey of Centerport Harbor Circle sewer lines	TOH agreed to assist Northport with this survey.	--	★ Complete
B.N1c	Action Item: Conduct dye-testing for Town of Huntington in the Centerport Sewer District	Testing in CSD.	--	★ Complete
B.N1d	Action Item: Conduct dye testing for Village of Northport	Testing in NSD	--	★ Complete
B.N2	Goal: Northport Sewage Treatment Upgrades			
B.N2a	Action Item: Upgrade Northport STP for Nitrogen removal to meet 2014 standards.	Northport STP Nitrogen standards	(\$9-million)	★ Complete
B.N2b	Item: Pipeline Re-lining & Manhole Rehabilitation	Northport collection system upgrades	Fall 2014	★ Complete
B.P1	Goal: Dredging Navigation Channels			
B.P1a	Action Item: Northport Harbor Navigation Channel & Duck Island Harbor Dredging	Work with SC & Army Corps to establish a long-term maintenance dredge program.	TOH meets with County, State, Federal agency officials, Nov 2014.	☆ In Progress
B.P1b	Action Item: Centerport Harbor Dredging	Legislator Spencer secured funding.	Nov/Dec 2014	★ Complete
B.P2	Goal: Stormwater Runoff Mitigation			
B.P2a	Action Item: Install Fab-Co storm-pod retrofit catch basin inserts at the Centerport Yacht Club access road (Beach Plum Drive).	Town Board Resolution approval for drainage improvements (Apr 2011); Installation (Jun 2011).	Ongoing	☆ In Progress
B.P2b	Action Item: Install Fabco rectangular stormwater drain inserts at eight to ten additional locations, including Valley Grove Beach in Eaton's Neck.	Highway Superintendent agrees to use surplus Suffolk County filtration devices on a trial basis.	County devices do not fit TOH storm sewers.	○ Pending
B.P3	Goal: Habitat Restoration			
B.P3a	Action Item: Repair/Restore Coastal Habitats	Eel grass restoration pilot program.	--	★ Complete
B.P3b	Action Item: Bio-Filtration & Shoreline Stabilization	Northport received grant funding for ribbed-mussel water filtration trial.	Spring 2015 (DEC approved pending final location.)	☆ In Progress
B.P3c	Action Item: Reseed or restock shellfish and oyster beds	Town of Huntington FLUPSY shellfish reseeding program.	On Going	★ Up to Date

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	Huntington; SUNY Stony Brook ; Army Corps of Engineers			
C	Modeling (Guidance on Future Actions)			
C.H1	Goal: Understand Watershed Topography			
C.H1a	Action Item: Develop a GIS topical map of stormwater runoff to identify pollution sources.	Town will use fly-over data to model shoreline topography in GIS.	2014	☆ In Progress
C.S1	Goal: Continue Red Tide Monitoring			
C.S1a	Action Item: Continue Red Tide monitoring.	Seek grant funding.	NOAA (\$50,000)	☆ In Progress
C.S1b	Action Item: Create a Hydrodynamic model of Northport Harbor to understand how dredging will impact tidal flow and circulation.	Hydrodynamic modeling	(\$30,000 Est.)	● Unfunded
C.S1c	Action Item: A red tide cyst survey with high level, 3 D spatial resolutions to determine density and distribution of red tide cysts.	Red Tide Cyst Survey	(\$30,000 Est.)	● Unfunded
C.S1d	Action Item: Create nutrient budget of nitrogen/pollutants that maps and quantifies sources and amounts entering the Northport Harbor.	NHWQPC Top Priority Project***	(\$50,000 Est.)	● Unfunded
C.S1e	Action Item: Assessment of pathogenic bacteria.	Bacteria Assessment	(\$25,000 Est.)	● Unfunded
C.E1	Goal: Stormwater Control			
C.E1a	Action Item: Study, design, draw specifications for potential solutions to flooding on Main Street.	Northport working w/ Senator Schumer & Army Corps.	(\$450,000 Est.)	● Unfunded
C.E1b	Action Item: Huntington & Northport operate under separate MS4 permits. Town and Village will attempt to work together on upcoming MS4 Pollutant Load Reduction submissions.	U.S. EPA completed audit of TOH MS4 permits. (Fall 2014).	On Going	☆ In Progress