



# Harlem Yacht Club Stormwater Compliance Training

## April 18,2019

Special thanks to **Leigh Beer** from CIYC who developed this presentation

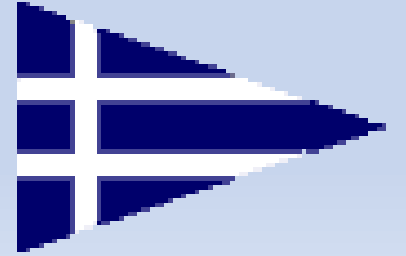


## Presenter

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## HYC Contacts

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**New York State Department of Environmental  
Conservation (NYSDEC)  
State Pollutant Discharge Elimination System (SPDES) Multi-  
Sector General Permit (MSGP)  
for Stormwater Discharges Associated with Industrial  
Activity**

**Permit No. GP-0-17-004**

Effective Date: March 1, 2018

Expiration Date: February 28, 2023



# Training Requirements & Handouts

- **Sign Attendance Sheet: Please print clearly!**
- Handouts:
  - Copy of this Power Point Presentation
  - HYC Yard & Boat Storage Rules & Policies
- Educational Requirement under the new NYSDEC SPDES MSGP for Stormwater Discharges Associated with Industrial Activity

# Purpose of Training



- Stormwater Compliance/Pollution Prevention Education
- Understand your Responsibilities under the Permit
- Help HYC achieve & maintain Compliance
- Penalties for Non-Compliance
- Be Environmental Stewards!



## Background

- HYC Prepares a Stormwater Pollution Prevention Plan (SWPPP) and submits a Notice of Intent (NOI) to NYSDEC in 2015, updates 2017
- HYC Prepares Best Management Practices (BMPs) to eliminate/minimize pollutant discharges to Eastchester Bay as requirement of the SWPPP 2015
- HYC performs dry & wet weather stormwater discharge monitoring & inspection per requirements 2015-2017
- HYC submits Annual Certification Report (ACR) and Discharge Monitoring Reports (DMRs) to NYSDEC before February 28, 2017
- New Permit requires filing new NOI and SWPPP Updates



## Requirements under MSGP

- Annual Comprehensive Site Compliance Inspection & Evaluation
- Annual Dry Weather Flow Monitoring
- Quarterly Visual Monitoring
- Monthly Inspection of BMPs
- Bi-Annual Discharge Sampling (DMRs)
- **Annual Certification Report before Jan 28, 2018**
  - DMRs
  - Storm Event Data Form
  - Corrective Action Form
  - Representative Outfall Waiver Form



# Pollution Control Measures

## + Minimize Exposure

- ❖ of manufacturing, processing, and material storage areas to rain, snow, snowmelt, and runoff in order to minimize pollutant discharges

## + Good Housekeeping

- ❖ owner or operator must keep clean all exposed areas that are potential sources of pollutants

## + Maintenance

- ❖ owner or operator must maintain all industrial equipment and systems and control measures in effective operating condition

## + Spill Prevention & Response Procedures

- ❖ owner or operator must minimize the potential for leaks, spills and other releases that may be exposed to stormwater and develop plans for effective response to such spills





## + Erosion & Sediment Control

- ❖ owner or operator must stabilize exposed areas and control runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation

## + Management of Runoff

- ❖ owner or operator must divert, infiltrate, reuse, contain, or otherwise reduce stormwater runoff

## + Employee Training

- ❖ owner or operator must ensure personnel understand the requirements of this permit and their specific responsibilities with respect to those requirements

## + Non-Stormwater Discharges

- ❖ owner or operator must eliminate non-stormwater discharges not authorized by a SPDES permit



# Pollution Control Measures

## + **Waste, Garbage & Floatable Debris**

- ❖ owner or operator must ensure that waste, garbage, and floatable debris are not discharged to surface waters of the state by keeping exposed areas free of such materials

## + **Dust Generation & Offsite Tracking of Materials**

- ❖ owner or operator must minimize generation of dust and off-site tracking of raw, final, or waste materials

## + **Secondary Containment**

- ❖ owner or operator must ensure compliance is maintained with all applicable regulations including, but not limited to, those involving releases, registration, handling and storage of petroleum, chemical bulk and hazardous waste

# SWPPP



- The SWPPP documents the practices & procedures to ensure compliance with the conditions of the permit, including the selection, design, installation & maintenance of control measures selected to meet our effluent limitations (Sector Q – Water Transportation)
- HYC SWPPP April 2017, currently being updated to comply with new MSGP, located in Club Office
- SWPPP Includes:
  - ❖ Pollution Prevention Team (PPT)
  - ❖ General Site Description, Site Maps
  - ❖ Potential Pollutant Sources
  - ❖ Spills & Releases
  - ❖ Stormwater Controls
  - ❖ Monitoring & Sampling Data
  - ❖ Permit Requirements, Inspections Schedule & Documentation, Corrective Action Documentation



# SWPPP Stormwater Controls

- + Good Housekeeping
- + Facility Inspections
- + Maintenance & Repair
- + Spill Prevention & Response Procedures
- + Employee Training & Education
- + Non-Stormwater Discharges
- + Best Management Practices (BMPs)

# Good Housekeeping



- + Ground Tarps are required for all Scraping, Sanding, and Painting
- + HEPA Vacuums are required for all Power Sanding
- + Sweep or Vacuum at regular intervals
- + Abrasive blasting requires fully enclosed containment surrounding the boat and covering the ground
- + Store materials in appropriate labeled containers
- + Use of secondary containment for all liquids
- + Prevent discharge of waste, garbage and floatable debris by keeping exposed areas free of such materials
- + Minimize exposure of chemicals by replacing with a less toxic alternative

# Spill Prevention



- ✚ Locate materials, equipment, and activities so that leaks and spills are contained in existing containment
- ✚ Clean up spills and leaks promptly using dry methods (e.g., absorbents)
- ✚ Store leaky equipment indoors or, if stored outdoors, use drip pans and absorbents
- ✚ Use spill/overflow protection equipment
- ✚ Perform all vessel and/or equipment cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray; ensure that all wash-water drains to a proper collection system
- ✚ Drain fluids from equipment and vessels that will be decommissioned, and/or that will remain unused for extended periods of time, inspect at least monthly for leaks

# Spill Prevention



- ✚ **Spill Kits are located in the HYC Yard by the Container and Launch House**
- ✚ **Call HYC at (718) 885-3078 in the event of a spill or release**
- ✚ **Notification must be reported to the NYSDEC Spills hotline (800) 457-7362 within 2 hours after discovery**
- ✚ **Additional notifications may be required for Federal level notification through the National Response Center (NRC) at (800) 424-8802**



## Non-Stormwater Discharges

- + Stormwater discharges that are ineligible for coverage under this permit must apply for a separate SPDES permit
  - + The following discharges are not covered by this permit:
    - ❖ **Bilge and ballast water**
    - ❖ Sanitary wastes
    - ❖ Pressure wash water
- Cooling water originating from vessels





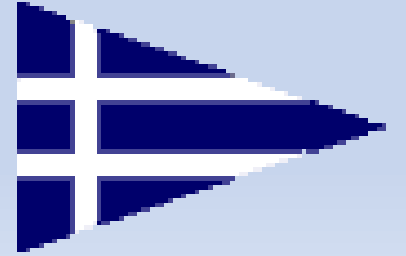
## BMPs - Yard Rules

- ✚ Do Not Dump Oils, Fuels, Solvents, Thinners, Paints or Oily Bilge Water in Yard
- ✚ Used Engine Oil and Antifreeze Must be Removed from Premises
- ✚ Paints, Thinners, Solvents and Chemicals Must be Removed from Premises
- ✚ All Containers Must be Labeled, Closed, and Removed from the Premises
- ✚ Hazardous Materials and Waste Must Not be Stored or Disposed on Premises
- ✚ Used Batteries Must be removed from Premises
- ✚ Collect all hardware (i.e., screws, nails, washers) and zinc (i.e., anodes, chrome boat parts) from Yard



## BMPs - Dumpster Restrictions

- + No Solvents, Antifreeze, Fuels, Fuel Filters, Oils or Chemicals
- + No Absorbent Pads/Booms unless placed in a Sealed Plastic Bag
- + No Paints - only dried residue in closed container
- + No Hazardous Materials/Waste
- + No Shrink Wrap
- + No Batteries
- + Dumpster Must be Covered After Use



## BMPs - Waterfront Restrictions

- Long Island Sound is a “No Discharge Zone”
- No Pumping of Sanitary Waste
- For Pump Out Station call (718) 885-2300 (City Island Yacht Sales)
- No Pumping of Fuels or Antifreeze
- No Pumping of Oily Bilge Water
- No Scraping of Boat Bottoms in the Water
- Use Phosphate-Free Cleaners Only



## 2018 Inspection Findings

- Improper Waste Disposal
- Improper Material Storage
  - Unlabeled Containers
  - No Secondary Containment
- Spills