



**Department of  
Environmental  
Conservation**

# **New York State Report to the Regional Response Team**

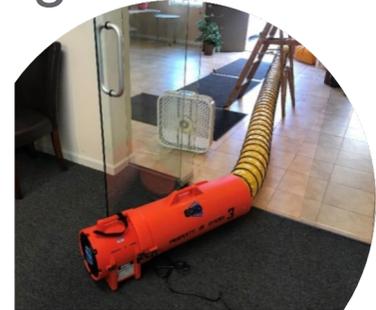
**New York State Department of Environmental Conservation**

**Kumar Patel, Reg. Spill Response Program, NYSDEC  
Region 2 (NYC) Office**

**June 18-19, 2018 – Monmouth County Fire Academy, N.J.**

# Basic Stats – Calendar Year 2018

- We are divided into 9 Regional Offices + Central Office in Albany
- NYSDEC received 12,836 spill reports total - 1,670 in NY City
- We initiated 615 State funded emergency cleanups statewide
- Vessel sinkings (pleasure craft), vessel groundings, saddle tank spills, haz mat cargo events, home fuel spills, utility spills gasoline in neighborhood sewers, etc.



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# Container Ship DUBLIN EXPRESS

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- 3/28/19- Vessel operators found bunker fuel leak through hull when it docked at Global Terminal
- Current cleanup involved oil residue removal under wharf at terminal



# Gasoline Vapors – Greenpoint Residences (Part 1)

- 3/8/19 – Residents at 214

Green St. complain of periodic gas vapors in building

- Checked usual pathways – negative - vapors found on side of building away from adjoining gas station

- Arranged for air monitoring w/NYSDOH - Old pipe found on street side of trap - repaired



## Gasoline Vapors – Greenpoint Residences (part 2)

- - We then received gas & sewer odor complaints a block north (Freeman St.) 4 homes investigated (187, 201, 210, 212)
- Homes had vapors in vicinity of sewer traps - Owners directed to get sewer traps, et. al. fixed by plumber  
NYCDEP flushed sewer on Freeman 4/6/19
- DEC assisting with ventilation/sampling in two homes
- Related via sewer to Green St. Issue
- Sewer flushed/sludge banks emanating pet. vapors removed – pet vapors lessened in sewers and homes

Removal of sludge alleviated vapors – homes cleared except for 212 Freeman (undergoing mold work)

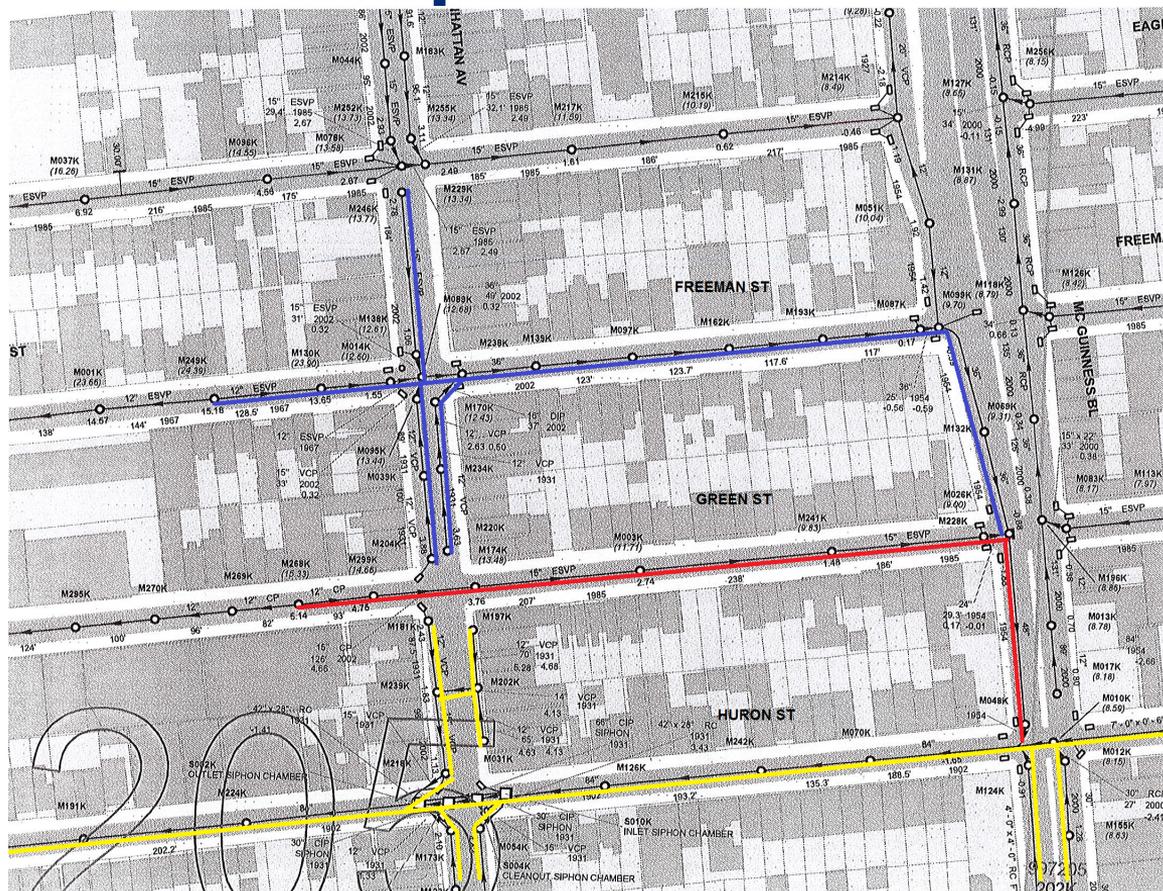


# Map of locations investigated by NYSDEC



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# Sewer Map of Area



Blue = Freeman St.

Red = Green St.

Yellow = Huron

Interceptor (receives drainage from Freeman-Green system, and areas to east and south)



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# L – Line Fuel Spill – Vapor Impact

2/5/19 – Significant petroleum odors in two subway stations on L Line (along Metropolitan Ave., between Lorimer St. and Bushwick Ave, Brooklyn)

DEC and NYCTA worked on abating vapors coming from oil pooling in drain trough between the tracks – ventilation done through sidewalk vents

DEC conducted “phase 1” and used Spill Fund to place wells around point of oil seepage into tunnel at Bushwick and Metropolitan. We found abandoned #2 fuel tank as pet. source above subway.

Proposed Monitoring Well Map



- Proposed Monitoring Well Map
- Approximate Subway Location (to be verified by NYCT)

# NYSDEC's Drone Fleet

- 20 pilots trained - more coming
- Drones have cameras/sensors
- Used in S.I./Texas/Puerto Rico  
By DEC
- If need from DEC, contact Matt Franklin in Albany 518-402-9555



# “Spills 101” training course from DEC R-2

- Course given to waterway advocacy groups, agencies
- Given to Newtown Creek and Bronx River Alliances
- FDNY – Part of HMT training and also taught to FD Marine units
- Fosters understanding of 3 levels of gov’t response ability

## OIL SPILL IDENTIFICATION, NOTIFICATION, AND RESPONSE PROCEDURES ("OIL SPILL 101")

Randall Austin

Supervisor, Spill Response  
Program

New York State Department of  
Environmental Conservation  
Region 2 (New York City)

NYS Department of Environmental Conservation



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# Thank You

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