

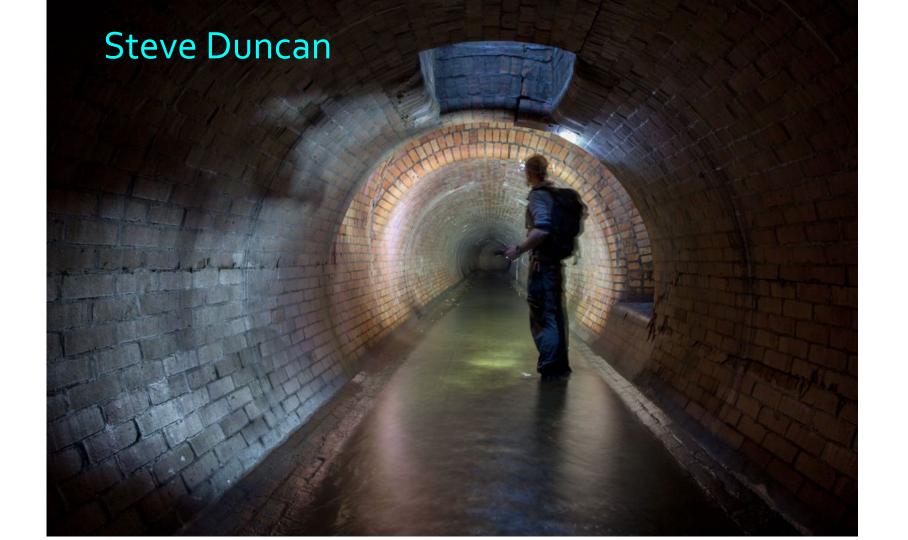


## **Drawing Water - Panel Discussion**

Stacy Levy
Eymund Diegel
Steve Duncan
Diana Gruberg

Jonathan Turer - Moderator

## 61 LOCAL













Stacy Levy
Drawing water in the city















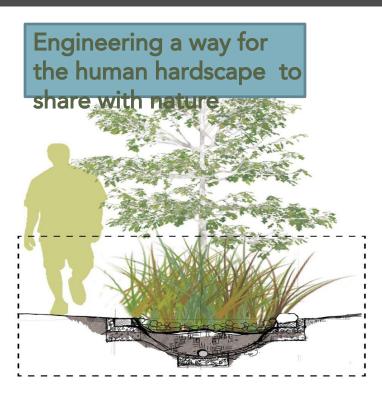






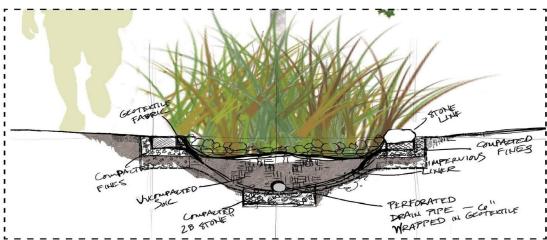






## Installation:

The construction will involve the removal of a specific piece of the parking lots surface in a dendritic watershed pattern, affecting 25-40 parking spaces depending on the layout. This linear form of varying width from 10 feet to two feet will be excavated to a depth of 18 inches and reconstructed as a living swale with perforated pipe, set in gravel and an imperious liner to direct the water flow and pervious soil matrix to support native wetland plants which are then planted in the bio swale.



Detail of swale construction





Our built environment needs to share more space with nature

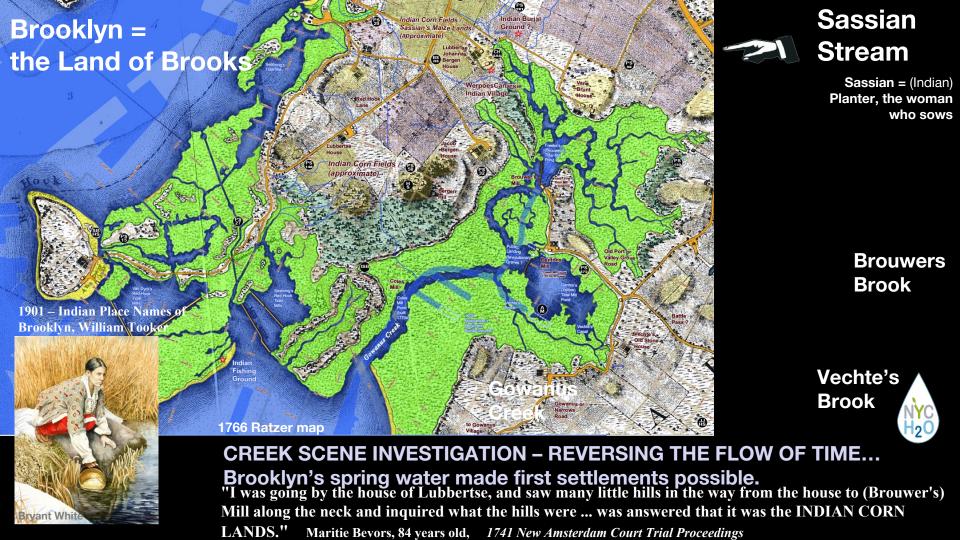
A PLACE FOR WATER

A PLACE FOR PEOPLE

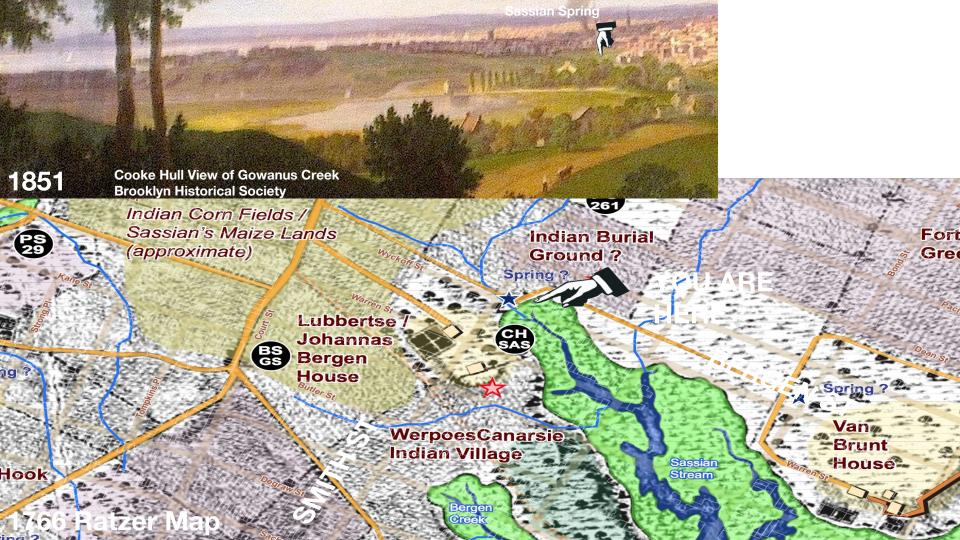


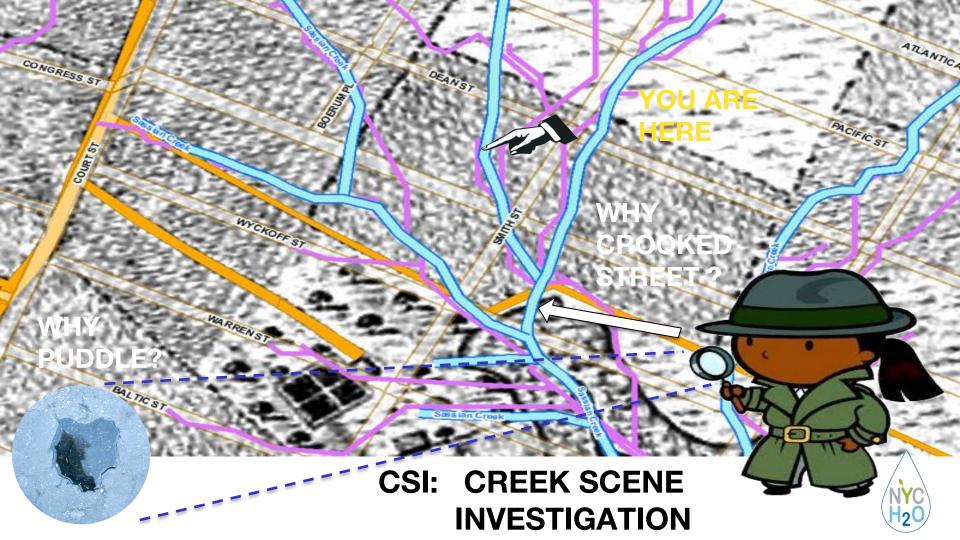


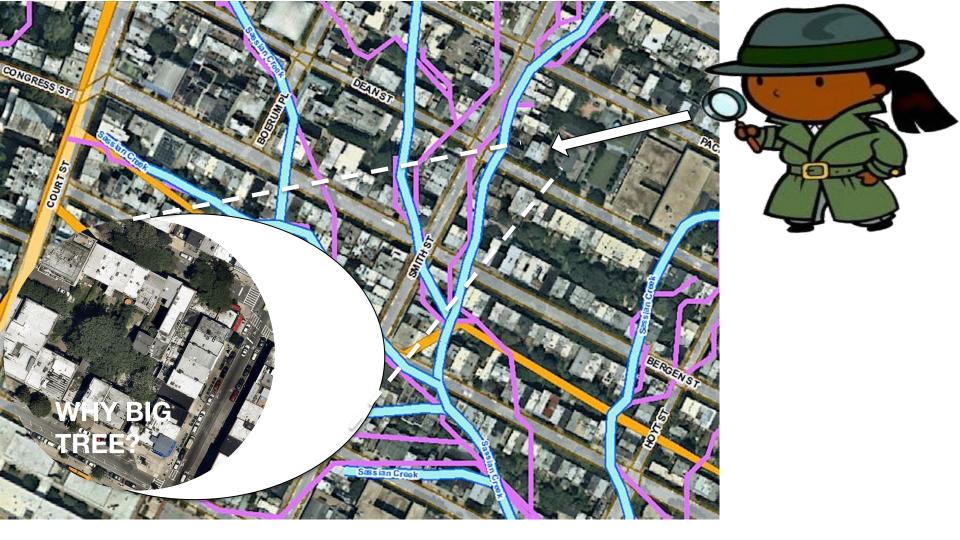




















WHY DO WE CARE?

Sewer Overflow Pollution in our water recreation areas (Poop, Estrogen, Zoloft, Viagra)

NEARLY A MILLION GALLONS PER DAY



## URBAN WATER CYCLE

# ECOLOGICAL (HISTORICAL) WATER CYCLE



IT RAINS

CONDENSATION



INFILTRATION & HISTORIC STREAM RESTORATION



PIPF

WHAT WE WANT



2011, Lukas Kronawitter, Terreform One, Water Sensitive Urban Design for the Gowanus Canal







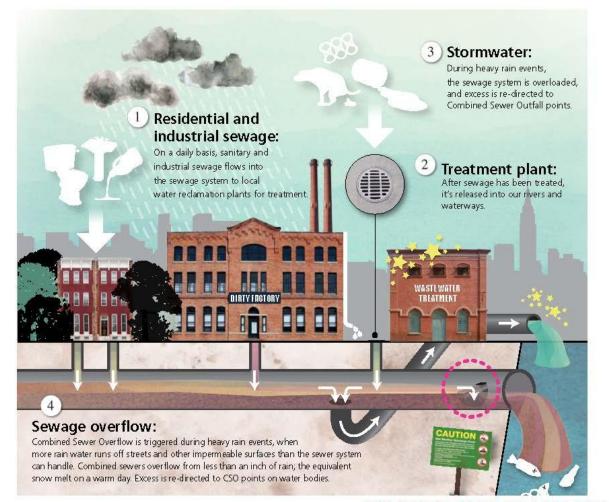




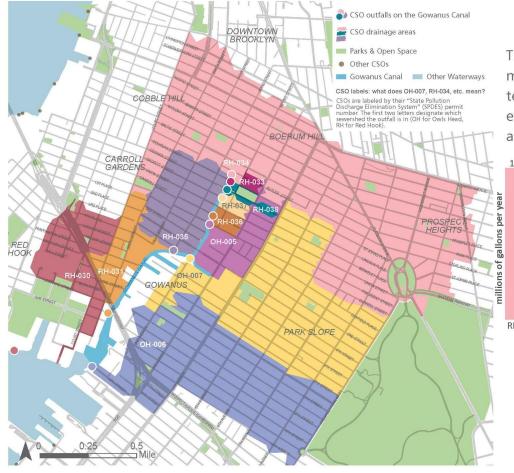




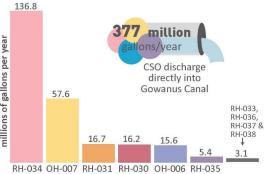
**URBAN STORMWATER MANAGEMENT TODAY** 



### **COMBINED SEWAGE OVERFLOW**



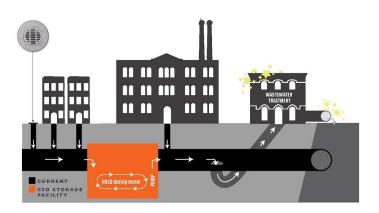
The Gowanus Canal receives about 377 million gallons of CSO discharge a year via ten different CSO outfalls. Overflow events happen as often as 40 times a year, after as little as a quarter-inch of rain.



#### **GOWANUS WATERSHED**

#### **GREY INFRASTRUCTURE**

- -SEWAGE DETENTION TANKS
- -FLUSHING TUNNEL UPGRADES
- -HIGH LEVEL STORM SEWERS



#### **GREEN INFRASTRUCTURE**

- -GREEN ROOFS
- -RAIN GARDENS
- -RAINWATER HARVESTING SYSTEMS



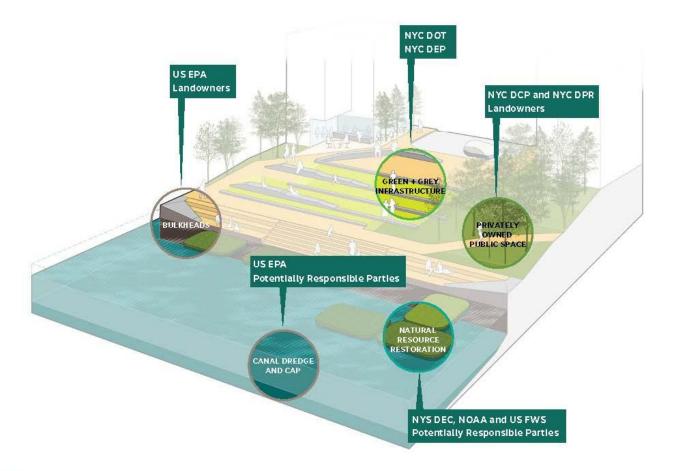


A BLUEPRINT FOR NYC'S NEXT GREAT PARK

SCAPE / LANDSCAPE ARCHITECTURE DPC

**Gowanus Canal** 

CONSERVANCY













SALT LOT AND 6TH ST WETLAND BASIN

