

NYC Wastewater Drainage Areas and Wastewater Collection Facilities

Legend



 Wastewater Treatment Plants

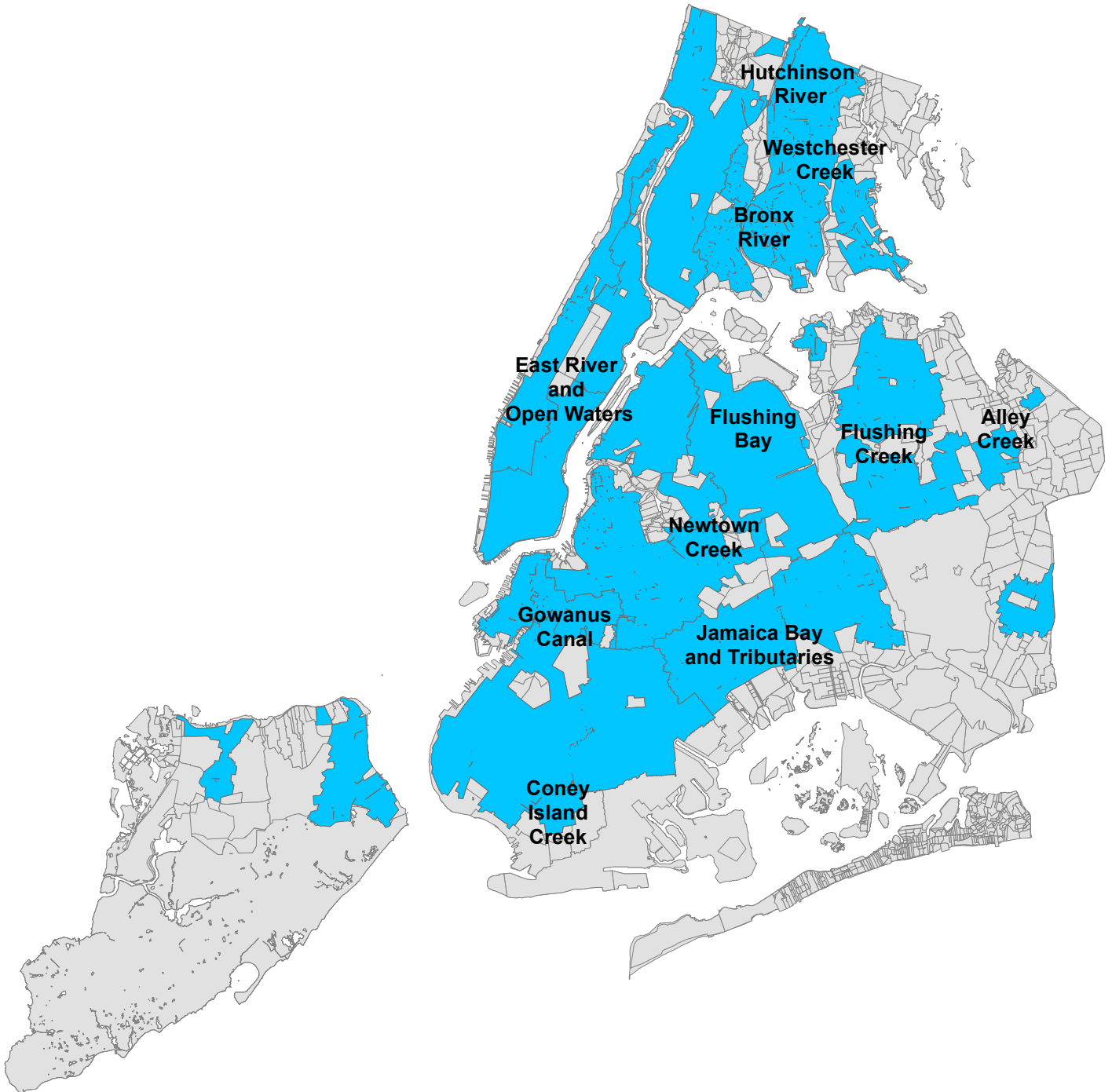
WWTP Drainage Areas

-  26th Ward (26W)
-  Bowery Bay (BB)
-  Coney Island (CI)
-  Hunts Point (HP)
-  Jamaica (JA)
-  Newtown Creek (NC)
-  North River (NR)
-  Oakwood Beach (OB)
-  Owls Head (OH)
-  Port Richmond (PR)
-  Red Hook (RH)
-  Rockaway (RK)
-  Tallman Island (TI)
-  Wards Island (WI)
-  Boroughs
-  Waterbodies
-  CSO Facilities
-  CSO Outfalls



NYC's Combined Sewer Areas and LTCP Waterbodies

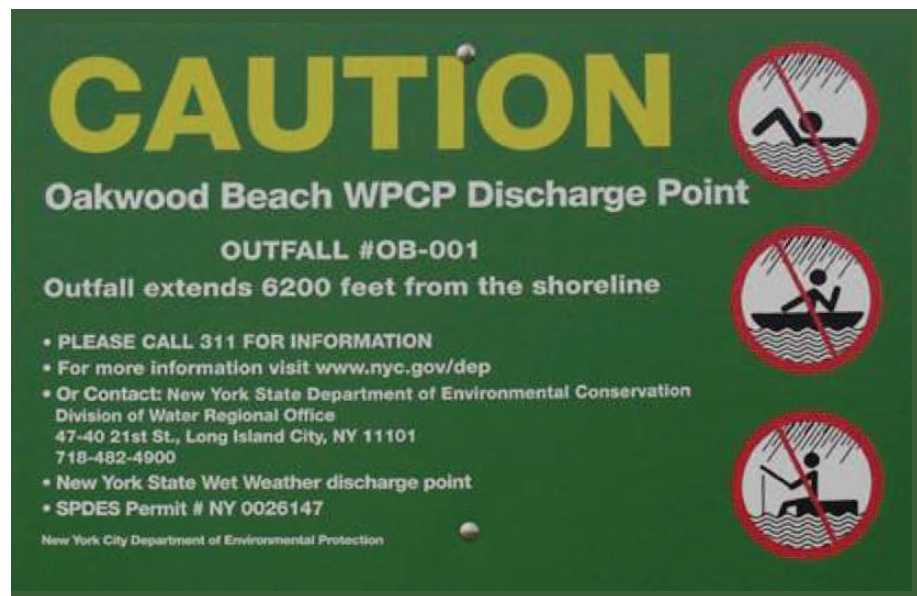
-  Combined Sewer Watersheds
-  Other (Separate Sewers, Direct Drainage, Unsewered Areas)



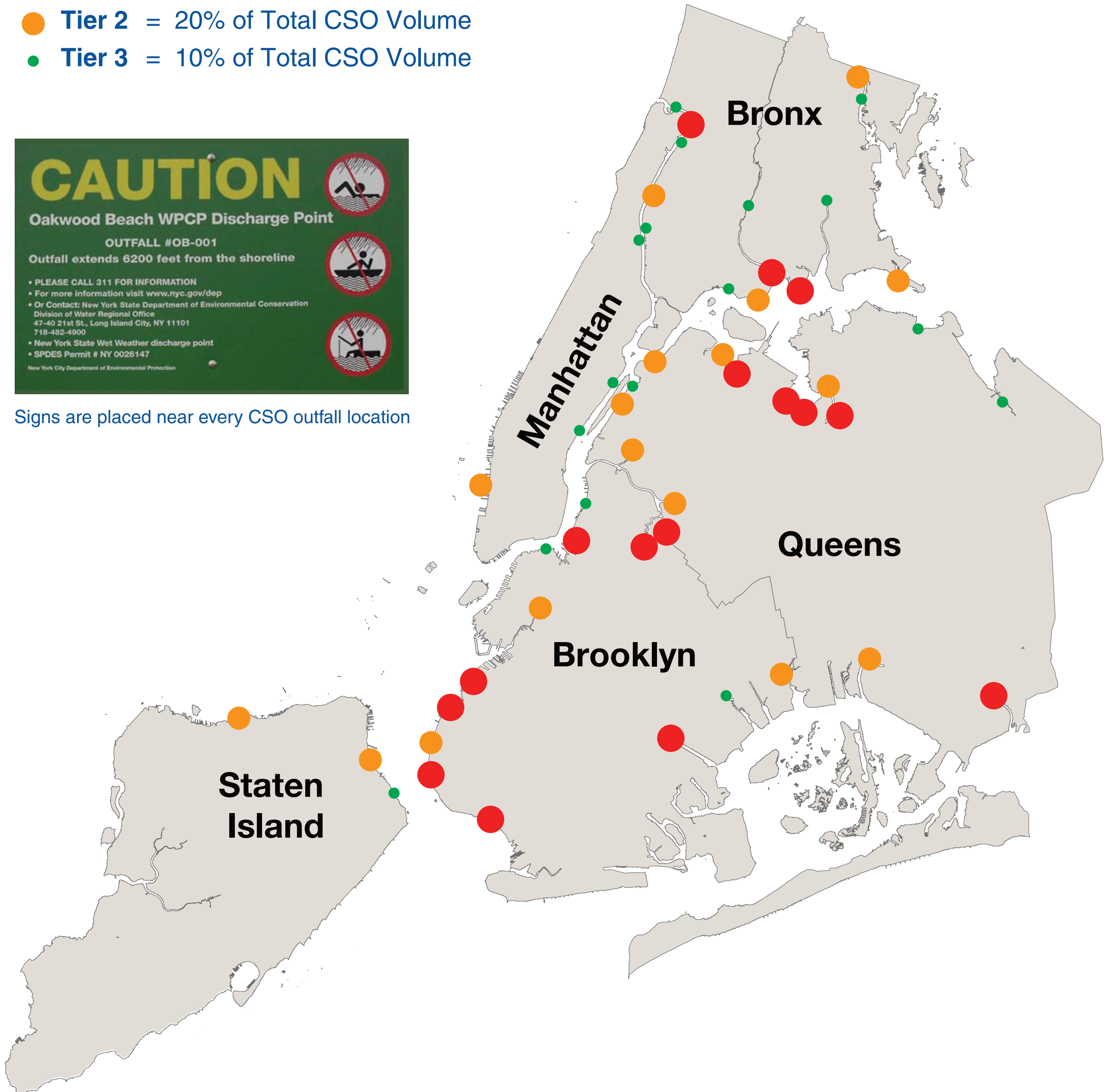
Combined Sewer Overflows in New York City

Combined Sewer Overflow (CSO) Volumes

- **Tier 1** = 50% of Total CSO Volume
- **Tier 2** = 20% of Total CSO Volume
- **Tier 3** = 10% of Total CSO Volume



Signs are placed near every CSO outfall location



Nine Elements of a Long Term Control Plan*



Characterization, monitoring,
and modeling of the combined
sewer system



Public participation



Consideration of
sensitive areas



Evaluation of
alternatives to meet
CWA requirements



Cost/performance
considerations



Operational Plan



Maximizing treatment at
the existing wastewater
treatment plant



Implementation
schedule



Post-construction
compliance
monitoring program

* As defined by EPA CSO Control Policy