



# Newburgh Water Supply Orange County, New York



# Lake Washington Watershed

- Inlet diversion structures
- Primary Lake Washington Intake
- Brown's Pond Direct Intake
- New York City Aqueduct
- Closed Landfills

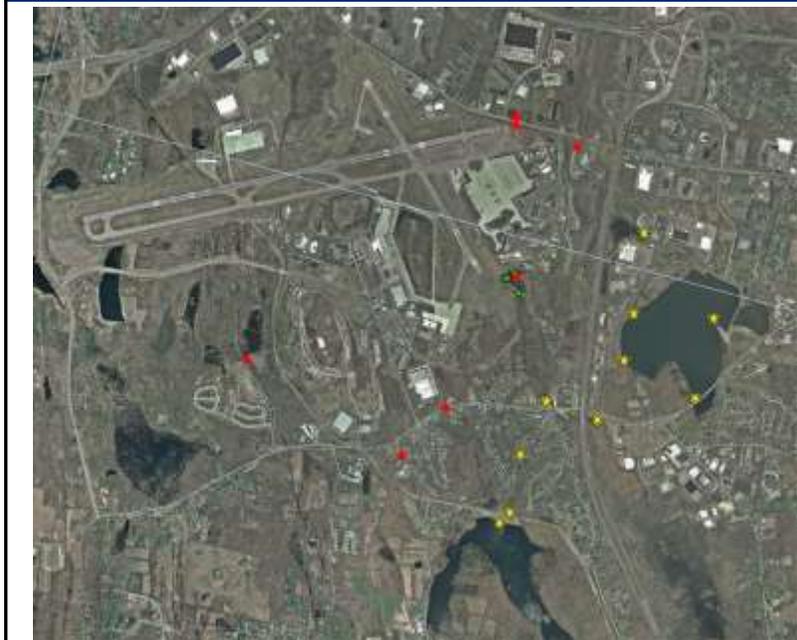




## Drainage Area of Concern

Retention Pond South of Stewart Air National Guard Base

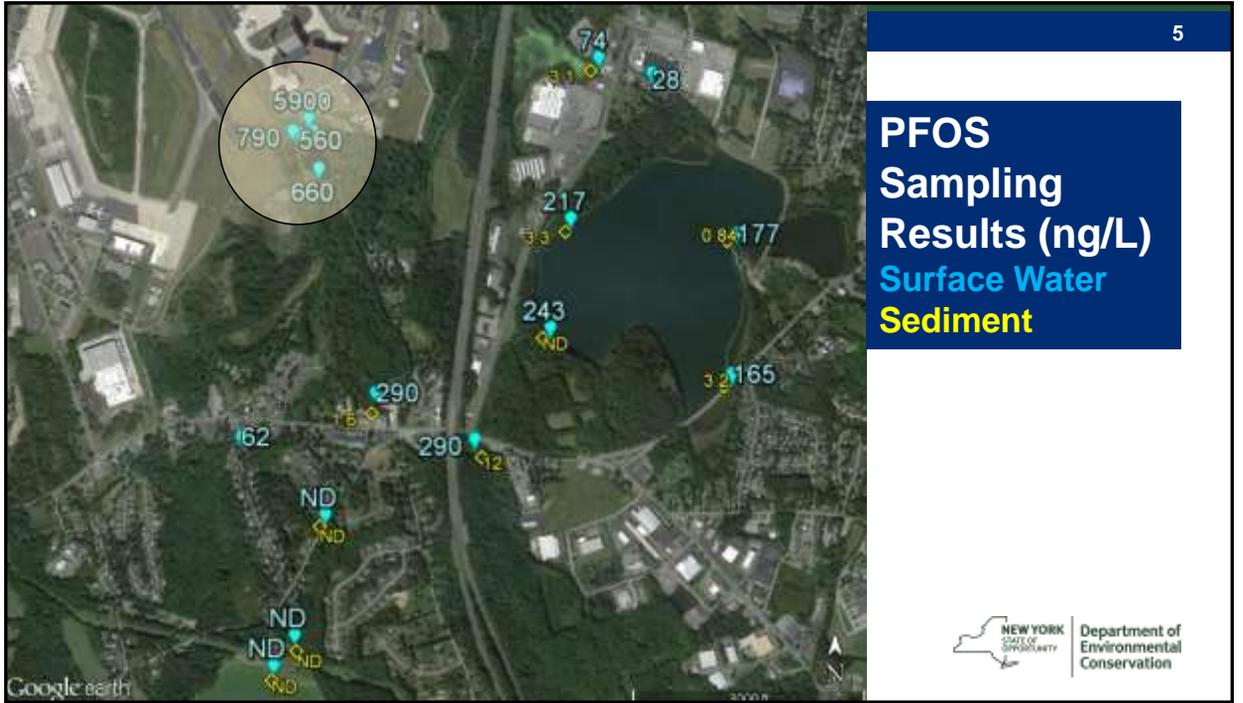
- 2000 2 x 2000 gallon foam releases
- Foam training area
- 1996 FedEx Plane Fire



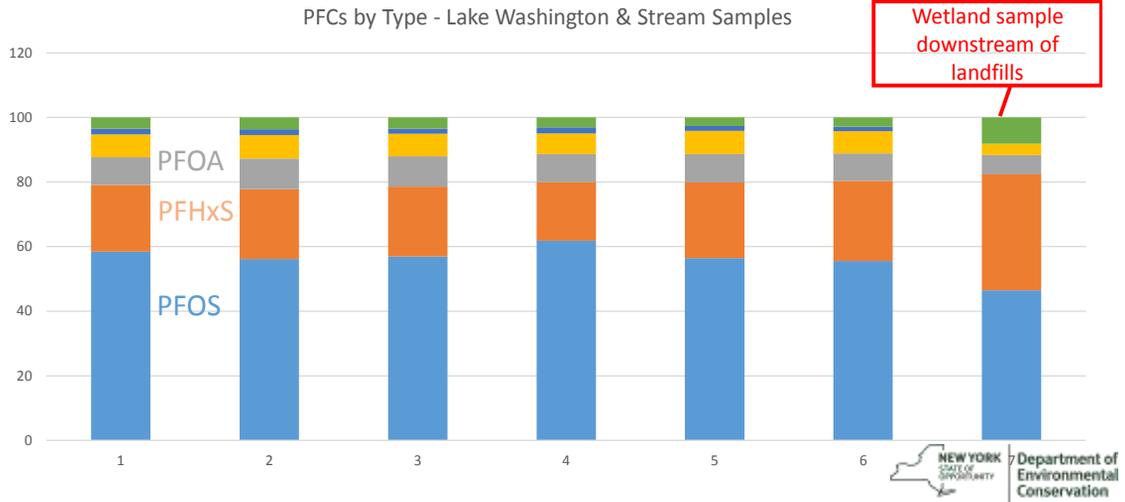
## NYS DEC Sampling Locations

March 2016 – May 2016

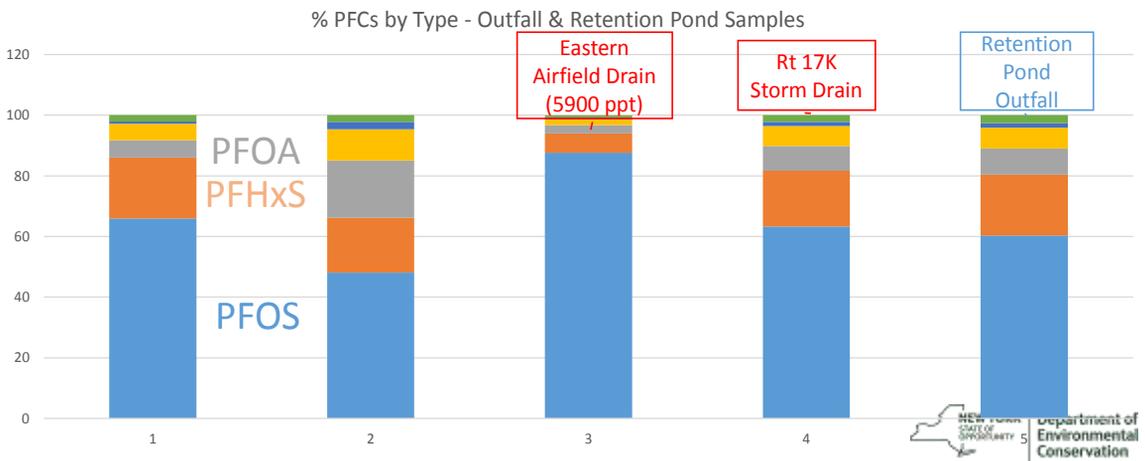




# Fingerprinting – Watershed Samples



# Fingerprinting – Source Samples



## Actions Taken

- Switch water source to Brown's Pond
- Prepare aqueduct tap – physical connection & funding

## Next Steps

- Confirm conceptual model – pending results
- Sample existing base & landfill wells
- Alternative or contributing sources – deicing fluids?
- Treat retention pond outfall
- Refill / recover Lake Washington



## Thank You

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