

# Townwide PFAS Risk Assessment Town of Nantucket, MA

*Update to the Select Board*

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October 28, 2020



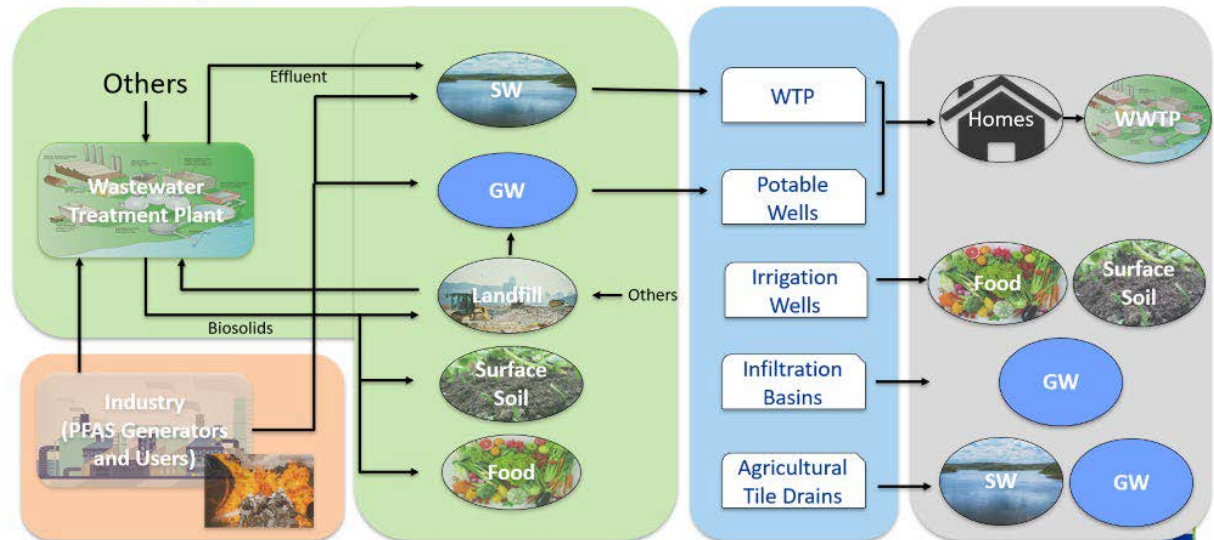
**CDM  
Smith**



# Project Approach Unique for Nantucket

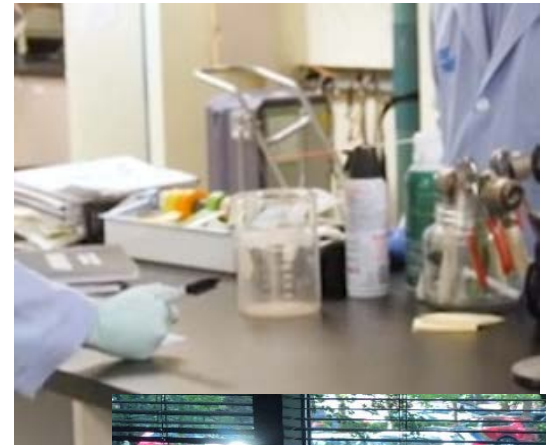
- *Task 1: Descriptive Overview of PFAS – What are PFAS?, Regulatory Overview and Current Standards*
- *Task 2: Identification of Sources and Receptors for Qualitative Risk Evaluation – Obtain an understanding of the PFAS Cycle in Nantucket*

PFAS Cycle - an example



# Project Approach Unique for Nantucket (cont'd)

- *Task 3: Water Quality Review/Assessment* – Obtain and review existing laboratory data for drinking water, and other media as available
- *Task 4: Report of Findings and Recommendations* – Prioritized list of recommended follow-on activities to reduce risks of PFAS to human health and the environment



Wellhead Protection  
Zone II Delineations

Source: <https://docs.digital.mass.gov/dataset/massgis-data-masdep-wellhead-protection-areas-zone-ii-zone-i-iwpa>

# Accomplishments to Date

- Conducted interviews & data gathering from Town personnel regarding presence/occurrence of PFAS - *municipal water, wastewater, landfill, airport, fire department*
- Obtained understanding of groundwater protection areas, wastewater discharge / residuals management, landfill compost operations, airport AFFF contamination
- Working to delineate sources and receptors to establish PFAS Cycle specific to Nantucket
- Prioritized components of a Public Outreach Plan which will proceed into development
- Developing recommendations for next steps
- Draft Report expected: November 18<sup>th</sup>

