



Vaughn Hagerty
Public Information Officer
235 Government Center Drive
Wilmington, NC 28403
910-332-6704
vaughn.hagerty@cfpua.org

April 10, 2019

Sweeney Water Treatment Plant Upgrade by the Numbers

8	Number of new granular activated carbon (GAC) filters
12.5	Depth, in feet, of GAC media in new filters. This is three times the depth of Sweeney's existing GAC filters.
90	Percent reduction, on average, of PFAS compounds expected from the new GAC filters.
400	Days of estimated useful life of the GAC media in the new filters.
3,823	Gallons of water per minute that will flow through each filter.
10,250	Cubic feet of GAC media in each filter.
18,000	Size of building, in square feet, housing new filters.
2.9 million	Cost per year, in dollars, to operate the new GAC filters.

3 million	Pounds of total GAC media in all eight filters.
44 million	Daily capacity of Sweeney, in gallons, following the upgrade. Current capacity is 35 mgd.
46 million	Total project cost, in dollars, to design and construct the new GAC filters.