

ATTACHMENT 1**BROWARD COUNTY PLANNING COUNCIL
SUPPLEMENTAL REPORT
PUBLIC SERVICES AND FACILITIES****BROWARD COUNTY LAND USE PLAN AMENDMENT NUMBER PC 22-5**

Prepared: September 2022

SOLID WASTE

The proposed amendment site is surrounded by the existing Monarch Hill landfill, which is also owned and operated by the applicant, Waste Management, Inc. Based on information provided by the applicant, the remaining lifespan of the existing landfill footprint is estimated to be 8 to 9 years. If the proposed amendment and subsequent (re)zoning and licensing applications required to allow for the expansion of the landfill footprint are approved, there is potential to extend the landfill's lifespan for another 5 to 6 years. Based on the intended use of the amendment site as an expansion to the existing landfill, the proposed amendment will have no net impact on the projected demand for solid waste, rather it has the potential to impact the regional landfill facility capacity.

POTABLE WATER

The proposed amendment site will be served by the Broward County 2A Water Treatment Plant, which has a current permitted capacity of 30.0 million gallons per day (mgd). The current and committed demand on the treatment plant is 14.15 mgd, with 15.85 mgd available. The wellfield serving the amendment site has a permitted withdrawal of 17.41 mgd, which expires on December 27, 2065. Planning Council staff utilized a level of service of 0.1 gpd per square foot for electrical generation facility uses and 0.1 gpd per square foot for commerce uses. The proposed amendment will have no net impact on the projected demand for potable water. Sufficient potable water supply and treatment capacity will be available to serve the proposed amendment site. Unincorporated Broward County/Broward Municipal Services District adopted its 10-year Water Supply Facilities Work Plan on March 28, 2019.

SANITARY SEWER

The proposed amendment site will be served by the Broward County North Regional Wastewater Treatment Plant, which has a current capacity of 95 mgd. The current and committed demand on the treatment plant is 69.3 mgd, with 25.7 mgd available. Planning Council staff utilized a level of service of 0.1 gpd per square foot for electrical generation facility uses and 0.1 gpd per square foot for commerce uses. The proposed amendment will have no net impact on the projected demand for sanitary sewer. Sufficient sanitary sewer capacity will be available to serve the proposed amendment site.

DRAINAGE

The proposed amendment site will be served by the South Florida Water Management District and the Broward County Water Control District No. 2. A surface water management permit from said districts may be required prior to any construction.

PARKS AND OPEN SPACE

The proposed land use plan amendment will have no net impact on the projected demand for local parks. For informational purposes, Unincorporated Broward County/Broward Municipal Services District has 71.39 acres in its parks and open space inventory. The 2045 projected population (22,834) requires approximately 68.5 acres to meet the community parks acreage requirement of 3 acres per one thousand persons population. Unincorporated Broward County/Broward Municipal Services District continues to meet the community parks acreage requirement of the Broward County Land Use Plan of 3 acres per one thousand persons population.