

3.0 Affected Environment, Impacts and Mitigation

This chapter documents the affected environment and the potential for significant adverse environmental impacts for future conditions with and without the Proposed Project for the following technical resources: land use, zoning and public policy, open space, historic and cultural resources, urban design and visual resources, natural resources, hazardous materials, water and sewer infrastructure, transportation, greenhouse gas emissions and climate change, neighborhood character, and construction. Specifically for the Proposed Project's construction, the potential for construction effects on the following technical areas are analyzed: open space; natural resources; air quality; transportation, noise and neighborhood character.

Based on the guidance of the *City Environmental Quality (CEQR) Technical Manual*, the following impact categories do not warrant further analysis for effects during typical operational conditions: socioeconomics; community facilities and services; shadows; solid waste and sanitation services; energy; operational air quality; operational noise; and public health. Screening analyses were undertaken to determine that these impact categories would not result in long-term operational effects (see the Environmental Assessment Form [EAF], October 2022).

During non-storm operational conditions, the Proposed Project would not indirectly or directly displace any residents or businesses within the Study Area; alter, displace, or overcrowd community facilities and services such as schools, libraries, child care facilities, healthcare facilities, or fire and police protection; result in new structures or additions to existing structures greater than 50 feet, or be located adjacent to, or across from, a sunlight-sensitive resource; result in development of 350,000 square feet or greater; or result in the generation of 50 tons per week or more of solid waste; generate any mobile or stationary sources of noise; increase or redistribute traffic, create any other mobile sources of pollutants, add new users near mobile sources, create new stationary sources of pollutants; or significantly affect the transmission or generation of energy; involve power generation (not including emergency backup power).

Each chapter below discusses the existing conditions (affected environment) and conditions in the future for the Proposed Project. The technical analysis identification of potential significant adverse effects is focused on the incremental changes to the affected environment that would occur under the Proposed Project (the Proposed Action condition) as compared with the No Action condition.