

# Kosciuszko Park

## Stamford, CT

Kosciuszko Park is a seven-acre waterfront park located in the City of Stamford, CT, on Long Island Sound. It is notable for providing public waterfront access and includes a perimeter walking path as well as ball fields and playgrounds. The peninsula park was constructed on top of the former city landfill. Prior to the reconstruction of the ball fields SRS Soil Recovery removed approximately 5,000 tons of contaminated soil and new clean soil was required.

Due to the environmental sensitivity of the site, as well as history of soil contamination, all soils to be used for the project had to meet strict limits for environmental contaminants. Particular attention was given to locating soils that would be essentially free of pesticides and herbicides including DDT, DDE, and DDD.

Agresource worked with the architect (Diversified Technology Consultants, North Haven, CT) and site contractor (Manafort Brothers, Plainville, CT) to sample on site soils, identify and test various types of compost, and devise a mixing plan to prepare a suitable manufactured soil.

About 2,000 cubic yards of on-site soil was identified and found to be suitable with regard to environmental contamination. This soil, however, was not only insufficient in quantity but also only met the minimum textural requirements for use. Agresource suggested a mixture of the on-site soil, imported clean sand to quality improve the soil texture, and compost to provide the appropriate level of organic matter. The result was a significantly improved soil that was met specification requirements and was guaranteed to perform well over time. The compost was provided from the Hoosac Water District Composting Facility located in Williamstown, MA, and after extensive testing was found to meet all environmental contamination criteria.

Agresource provided equipment and operators to mix the soil, sand, and compost to meet the specifications (five parts soil: one part sand: two parts compost) to not only increase the volume of soil but also meet the environmental, textural, and organic matter specifications of the designer. Testing was performed on representative samples of every 250 cubic yards of the soil mix to insure that all specifications were met. The project was successfully completed on schedule and the City of Stamford held a grand reopening of this beautiful waterfront park in 2006.

