



Bronx Zoo Woodland & Stormwater Management Plans

Bronx, New York

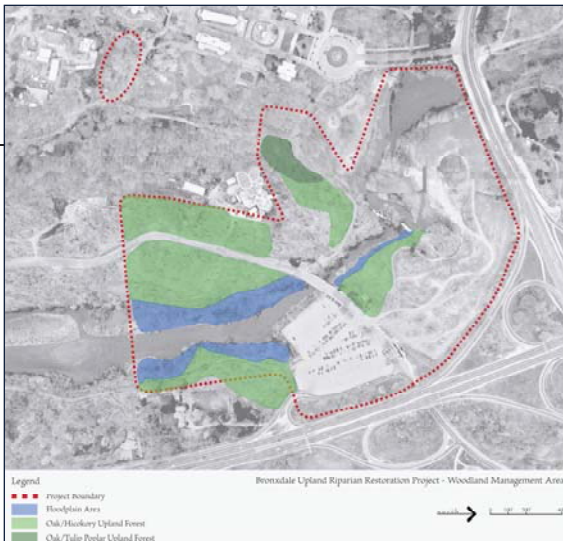
As a direct result of the ecological assessment and recommendations presented by Biohabitats for the Bronx Zoo Master Plan, the Wildlife Conservation Society (WCS) retained Biohabitats to prepare a Woodland Management and Stormwater Management Plan for the Bronxdale Upland Riparian Restoration Project at the Zoo. These two management plans are a significant step in WCS's efforts to employ environmentally sustainable design initiatives throughout the Zoo's on-going development and operations.

For the Woodland Management Plan, Biohabitats developed a woodland restoration action plan based on an adaptive management framework. The plan addresses issues such as invasive plant species management, aged tree replacement and native woodland planting along with soil regeneration strategies. The plan also includes a framework for directing the allocation of funds, materials and labor to implement the recommended action items. Finally, the plan provides an implementation schedule that details the dates, timing and frequency of implementing specific woodland restoration action items.

The Stormwater Management Plan focuses on the integration of water quality best management practices to treat stormwater from impervious surfaces. Biohabitats identified many opportunities and a wide variety of BMP treatment methods for the site. Based on a prioritization schedule, WCS retained Biohabitats to develop detailed design and construction drawings for a bioretention facility to treat stormwater.

PROJECT AT A GLANCE

SERVICES	Inventory and Assessment Planning Green Infrastructure
CLIENT	Wildlife Conservation Society
LOCATION	Bronx, New York
PHYSIOGRAPHIC PROVINCE	Atlantic Coastal Plain
BIOREGION	New England
WATERSHED	Bronx River



Legend
Project Boundary
Riparian Area
Oak/Hickory Upland Forest
Oak/Tulip Poplar Upland Forest
Bronxdale Upland Riparian Restoration Project - Woodland Management Areas



An adaptive management framework allows WCS to employ protection, restoration and management strategies in a predictable, economical yet flexible approach.