## NATIONAL PARK SERVICE Flight 93 National Memorial Phase 1B Revegetation

Somerset County, Pennsylvania





clockwise from top: Memorial Grove of trees planted for those on Flight 93; Seating area at the Flight 93 Memorial; Allée of trees one year after planting



The Flight 93 National Memorial Act of 2002 authorized the creation of the Flight 93 National Memorial to "commemorate the passengers and crew of Flight 93 who, on September 11, 2001, Installation, monitoring, and maintenance of a memorial grove of trees at the Flight 93 National Memorial was further protected by the development of an Integrated Pest Management Plan (IPMP) and gypsy moth treatments.

courageously gave their lives thereby thwarting a planned attack on our Nation's Capital." The Act charged the Flight 93 Advisory Commission with developing recommendations for the planning, design, construction, and long-term management of a permanent memorial at the crash site. The National Park Service (NPS) is responsible for the development and long-term stewardship of the memorial.

As part of Phase 1B of this overall project, the Biohabitats team provided a variety of services related to the revegetation of this national memorial. Technical assistance and revegetation consultation was conducted throughout the life of this contract. The team conducted project site preparation in the form of application of soil amendments based on soil and water testing results. Plant material installation was conducted and included seeding, seedling, and large diameter (>2") tree planting. Plant watering, mulching, protective devices, and protective chemical applications were provided as part of plant establishment care. The Biohabitats team conducted revegetation/restoration success monitoring including pest and pathogen presence during the 2-year warranty period. Also part of this contract was the development of an Integrated Pest Management Plan (IPM) following NPS protocol which was specific to this project site.

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