

DC WATER

Burns Street & Texas Avenue, Southeast Sewer Repair Restoration

Washington, DC



A damaged stream and woodland on National Park Service land is protected and rejuvenated through ecological restoration.



from top: Initial conditions; During construction

Biohabitats developed plans to restore an area of National Park Service land damaged during a sewer repair project. Contractors repairing the sewer went outside of the LOD, damaging additional trees, ‘pushing’ sediment down a streambank, and leaving mounds of rock and soil in the woods immediately outside of the LOD. After reviewing the plans with DC Water and National Park Service staff and receiving approval to proceed, Biohabitats worked with our design-build partners on this project to implement the plans. This involved installing erosion and sediment control to protect the adjacent stream from further sedimentation, removing rock and gravel material that did not originate

on the site, grading the side (including excavation of material pushed down the streambank) to resemble the pre-sewer repair condition, build a log toe wall along a part of the stream where the streambank had been undermining the sewer manhole, add mulch to the exposed sub soils to initiate formation of new topsoil, and plant the site with a native mix of trees, shrubs, and forbs. After construction, the restoration site was inspected by DC Water and the National Park Service and approved.

SERVICES

- Inventory & Assessments
- Design
- Permitting
- Construction Management
- Project Management

conservation planning
ecological restoration
regenerative design



800.220.0919
www.biohabitats.com

