

RUTGERS

THE STATE UNIVERSITY
OF NEW JERSEY

Wildlife Habitat Enhancement Green Infrastructure Project Design and Installations

Rutgers Cooperative Extension Water Resources Program

NFWF GRANT ID: 0403.19.065576



Pope John High School Detention Basin Retrofit Implementation Project

28 Andover Road, Sparta Township, Sussex County, New Jersey

- Five detention basins (3,075 SF) were retrofitted with native vegetation, including 18 shrubs, 60 containers, and 650 plugs
- Participation included student volunteers, RCE Water Resources Program



Pope John High School Detention Basin Retrofit Implementation Project



Detention basins prior to project implementation.



Pope John High School Detention Basin Retrofit Implementation Project



Native vegetation to be planted in the basins.



Pope John High School Detention Basin Retrofit Implementation Project



Student volunteers planting shrubs into the basin.



Pope John High School Detention Basin Retrofit Implementation Project



Basin vegetation growth observed during follow-up.



Hackettstown Middle School Rain Garden Implementation Project

500 Washington Street, Hackettstown, Warren County, New Jersey

- Two rain gardens installed (360 & 325 SF) managing 2,160 SF drainage area
- Participation included contractor, student volunteers, RCE Water Resources Program



Hackettstown Middle School Rain Garden Implementation Project



Project location prior to project implementation.



Hackettstown Middle School Rain Garden Implementation Project



Contractor excavating the rain gardens.



Hackettstown Middle School Rain Garden Implementation Project



Completed excavation of the rain gardens.



Hackettstown Middle School Rain Garden Implementation Project



Completed planting of the rain gardens.



Hackettstown Middle School Rain Garden Implementation Project



Completed rain gardens.



Hackettstown High School Rain Garden Implementation Project

599 Warren Street, Hackettstown, Warren County, New Jersey

- Two rain gardens installed (245 SF) managing 695 SF drainage area
- Participation included contractor, school district, RCE Water Resources Program



Hackettstown High School Rain Garden Implementation Project



Project location prior to project implementation.



Hackettstown High School Rain Garden Implementation Project



Contractor excavating the rain garden.



Hackettstown High School Rain Garden Implementation Project



Rain garden following the excavation and mulching.



Hackettstown High School Rain Garden Implementation Project



Rain garden following planting.



Hackettstown High School Rain Garden Implementation Project



Rain garden following planting.



Hope Elementary School Rain Garden Implementation Project

320 Johnsonburg Road, Hope, Warren County, New Jersey

- One rain garden installed (460 SF) managing 795 SF drainage area
- Participation included contractor, school district, student and local volunteers, Hope Green Team, RCE Water Resources Program



Hope Elementary School Rain Garden Implementation Project



Project location prior to project implementation.



Hope Elementary School Rain Garden Implementation Project



Contractor excavating the rain garden.



Hope Elementary School Rain Garden Implementation Project



Contractor placing materials in the rain garden.



Hope Elementary School Rain Garden Implementation Project



Rain garden following construction.



Hope Elementary School Rain Garden Implementation Project



Volunteers planting the rain garden.



Hope Elementary School Rain Garden Implementation Project



Completed rain garden.



Belvidere Elementary School Rain Garden Implementation Project

807 Oxford Street, Belvidere, Warren County, New Jersey

- One rain garden installed (885 SF) managing 6,590 SF drainage area
- Participation included contractor, school district, student and local volunteers, Belvidere Environmental Commission, RCE Water Resources Program



Belvidere Elementary School Rain Garden Implementation Project



Project location prior to project implementation.



Belvidere Elementary School Rain Garden Implementation Project



Contractor excavating the rain garden.



Belvidere Elementary School Rain Garden Implementation Project



Contractor placing materials in the rain garden.



Belvidere Elementary School Rain Garden Implementation Project



Rain garden following construction.



Belvidere Elementary School Rain Garden Implementation Project



Rain garden following planting.



Belvidere Elementary School Rain Garden Implementation Project



Completed rain garden.

