NELSON POPE & VOORHIS

BIORETENTION DESIGN SERVICES

ENVIRONMENTAL PLANNING CONSULTING:

FEASIBILITY & DUE DILIGENCE ASSISTANCE
REGIONAL & SITE PLANNING
ECONOMIC PLANNING
ENVIRONMENTAL SITE ASSESSMENT
ENVIRONMENTAL SCIENCE & ANALYSIS
WETLAND PERMITTING
STORM WATER MANAGEMENT PLANS
WATERFRONT & COASTAL ZONE PROJECTS
MAPPING
WATERSHED MANAGEMENT & WATER SUPPLY
PERMITTING & PROCESSING

EIS CONSULTING SERVICES:

LANDSCAPE AND ENVIRONMENTAL DESIGN
ECOLOGICAL & WILDLIFE STUDIES
LOCAL/REGIONAL PLANNING STUDIES
ECONOMIC & MARKET IMPACT STUDIES
HISTORIC & CULTURAL RESOURCE STUDIES
HYDROLOGIC AND SOIL SUITABILITY STUDIES
NOISE IMPACT AND AIR EMISSION STUDIES
VISUAL IMPACT ANALYSIS
STUDIES & 2/3-D MODELS
GEOGRAPHIC INFORMATION SYSTEM (GIS) SERVICES

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572 Walt Whitman Road
Melville, New York

PHONE: 631-427-5665
FAX: 631-427-5620
NPV@NELSONPOPE.COM

NP&V is proud to have recently welcomed Rusty Schmidt , landscape ecologist to our staff. Mr. Schmidt has 20 years experience in ecological design for yards, campus and parks with an emphasis in solving water issues on the property. Mr. Schmidt is a nationally known rainwater garden specialist who has created specialized landscapes for the small garden in a home to large scale campus designs to resolve water issues with multiple projects working together for an entire complex, mall church or university.

Bioretention or Bioinfiltration Basins are gardens strategically placed to catch rainwater from downspouts, sidewalks, driveways, roads, or parking lots. Many beautiful plants thrive in bioretention (raingardens) and can be used to enhance your yard, property, or landscape. These strategically placed gardens soak up rain where it falls, mimicking nature. They reduce rainwater runoff, erosion and remove pollutants such as Nitrogen and Phosphorous. Raingardens create attractive landscapes that raise the value of the property, provide outdoor recreation, habitat for pollinators and wildlife, and decrease the maintenance needs of a property.

NP&V has the experience to design these gardens and locating them to have the largest potential impact. As society's understanding and enforceable and mandated sustainability requirements for infrastructure projects continue, the potential environmental and social impacts of both large and small infrastructure projects has grown. NP&V has worked diligently to integrate the latest technologies and concepts into our projects like bioretention. These concepts, such as sustainable design, low-impact development, smart growth, and green infrastructure are not pursued simply as eco-friendly add-ons to an existing project. They are considered at the beginning of the design process and are seamlessly and almost invisibly integrated into the final product.