

FIRE DISTRICT STUDIES

**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*



Setauket Fire District -NP&V prepared an analysis of the Setauket Fire District's facilities and provided recommendations for locating a new sub-station based upon existing and projected needs of the district. The project relied heavily on GIS analysis and involved analysis of demographic data including large daytime population centers and population growth projections, land use and build-out analysis, mapping and analysis of fire district incidents, identification of hot spots, facility evaluation, and route analysis including actual timed vehicle runs. NP&V made presentations to the community to provide information and solicit input.

Hicksville Fire District-NP&V prepared a spatial analysis of 3 years of incidents utilizing GIS software to identify patterns in response times during different shifts and detect trends in incident types. The map series product allowed a visual inspection of hot spots and grid analysis was performed to indicate range of response times with respect to station locations.

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