

**TANGER MALL PUMP STATION AND FORCE MAIN  
DEER PARK , NY  
SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS**

**ENGINEERING  
SURVEYING  
PLANNING  
ENVIRONMENTAL**

**FEASIBILITY & DUE  
DILIGENCE ASSISTANCE  
LAND & SITE PLANNING  
SURVEYING & MAPPING  
CIVIL ENGINEERING  
TRAFFIC & HIGHWAY  
ENGINEERING  
SANITARY ENGINEERING  
RECREATIONAL FACILITY  
PLANNING & DESIGN  
MARINE & WATERFRONT  
ENGINEERING  
STRUCTURAL DESIGN &  
ENGINEERING  
STORMWATER  
MANAGEMENT PLANNING  
PERMITTING & PROCESSING  
ENVIRONMENTAL  
CONSULTING  
SERVICES DURING  
CONSTRUCTION**

**MEETING THE NEEDS OF OUR  
CLIENTS SINCE 1954**

**NELSON & POPE**

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PROJECT TYPE: WASTEWATER PUMPING STATION AND FORCE MAIN  
PROJECT SCOPE: RESIDENT CONSTRUCTION INSPECTION  
CONSTRUCTION COST: \$2.2M

RELEVANT COMPONENTS:

- FULL TIME RESIDENT CONSTRUCTION INSPECTION
- FACILITY START-UP
- PUNCH LIST PREPARATION
- MUNICIPAL WALK-THRU INSPECTION AND ACCEPTANCE



N&P WAS RETAINED BY THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS TO PROVIDE RESIDENT INSPECTION STAFF TO PERFORM FULL TIME CONSTRUCTION OBSERVATION ON THEIR BEHALF. CONSTRUCTION OBSERVED AS PART OF THIS PROJECT INCLUDED HOUSE CONNECTION TIE-INS FOR SANITARY AND KITCHEN WASTEWATER LINES TO PREVIOUSLY INSTALLED GRAVITY SANITARY SEWER, ELEVEN WASTEWATER PRETREATMENT SYSTEMS, A SANITARY PUMP STATION AND ELEVEN THOUSAND SIXTY-ONE FEET OF SIX INCH DIAMETER FORCE MAIN. THE FORCE MAIN ROUTE FOR THIS PROJECT TRAVELLED ALONG TWO MAJOR SECONDARY NORTH-SOUTH ROADWAYS THRU THE HAMLETS OF DEER PARK AND NORTH BABYLON. DURING CONSTRUCTION CONTINUOUS GROUNDWATER DEWATERING WAS REQUIRED ALONG TWENTY-FOUR HUNDRED FEET OF THE FORCE MAIN ROUTE. N&P RESIDENT INSPECTORS PROVIDED CONTINUOUS OVERSIGHT OF THE CONSTRUCTION TO ENSURE THAT THE WORK INSTALLED AS PART OF THIS PROJECT WAS IN CONFORMANCE WITH THE REGULATORY APPROVED PROJECT PLANS AND SPECIFICATIONS.