

# CONSTRUCTION CLAIMS & ENGINEERING AUDITS

Methodical and Efficient.



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**At KC Engineering and Land Surveying, P.C. (KC), our interdisciplinary team ensures responsible solutions tailored to planning challenges and specific clients' needs.**

The construction claims and engineering audits group at KC consists of claims specialists, engineering auditors, compliance specialists, resident and office engineers, and scheduling experts who are skilled in delay claims review, analysis, and negotiation; dispute resolution; change order and payment auditing; payroll records review, cost estimating and review, and vendor billings review; assessment of appropriate values; and verification of policies, procedures, and specification compliance.

KC's construction claims team includes claims experts with extensive and unique experience in analyzing and resolving very substantial and highly complex delay claims brought by contractors on public works construction contracts. They possess a comprehensive knowledge and understanding of municipal construction contracts, including Damage for Delay provisions, analytical processes for damage identification and quantification, underlying legal concepts and decisions, and delay analysis techniques. Our team performs appropriate and detailed reviews and analyses addressing both entitlement and damage, including assessment of all delay events, delay culpability, and establishment of entitlement and associated damages. Our engineering auditors have performed thousands of audits, including those on construction contract payments, consultant payments, and change orders. Our engineering audit team exhibits the highest level of professionalism and the highest degree of academic training, and they have the knowledge and experience necessary to perform a variety of auditing tasks.

## Services

- Appropriate Value Assessments
- Change Order Auditing, Reviewing, & Approving
- Contract Compliance Verification & Interpretation
- Cost Reasonableness Review
- Delay Claims Damage Negotiation
- Delay Claims Review & Analysis
- Dispute & Delay Claim Guidance
- Dispute Review & Resolution
- Payment Auditing, Reviewing, & Approving
- Payroll Records Review
- Price Reviews for Goods/Services
- Progress Review
- Specification Compliance
- Quantity Verification
- Review of Consultant's, Contractor's, & Other Vendor's Billings
- Verification of Policies & Procedures Compliance





### NYCDDC Resident Engineering Inspection Services for Installation of Water Mains, Manhattan, NY |

The purpose of this project was to install water mains and appurtenances to connect the water distribution system to shafts 24B, 25B, 27B, and 30B. The project scope of work included the installation of trunk and distribution water mains of varying sizes, new valves, regulators, chambers, sewers of varying sizes, and reconstructed catch basins. The audit included review of consultant's, contractor's, and other vendor's billings, prices for goods or services, invoices, disbursements, and payroll records for discrepancies. KC provided a report with our findings at the end of each audit assignment. All audits, financial and financial-related, compliance, direct, and indirect cost audits were performed in accordance with generally accepted auditing standards.





### **NYCDEP Croton Water Treatment Plant, Bronx, NY**

| Croton Water Treatment Facility provides full treatment to the water supply from the East of Hudson Watershed. Originally constructed between 1842 and 1890, it provides about 15% of NYC's water. The water is conveyed to NYC via the New Croton Aqueduct. Construction contracts for this project include structural, equipment, HVAC, and electrical work. Construction costs include force mains, modifications at Jerome Park Reservoir, off-site work, site preparation, water tunnels, and overall cost. KC is performing all engineering audit services for this project.



*KC has been providing engineering auditing services on multi-million dollar design and construction projects for over 14 years.*

**NYCDEP City Tunnel No. 3 Stage 2, Part 1 Installation of Equipment, Part 2 Construction of Trunk Mains, Bypass Tunnel Delaware Aqueduct Shaft 5B, 6B, New York, NY** | New York City Water Tunnel No. 3 is part of the New York City water supply system. Additionally, it is the largest capital construction project in New York City history. When completed, it will provide New York City with a third connection to its upstate water supply. The tunnel will be more than 60 miles long and cost \$6B. KC performed change order and partial payments auditing, review, and approval as well as field site visits.

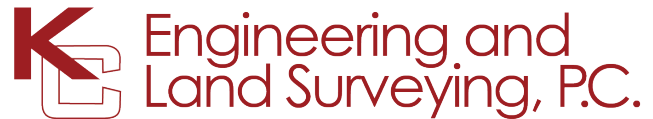


**MS4 Program Management, Mount Hope, NY** | Federal law states that permits are required for stormwater discharges from Municipal Separate Storm Sewer Systems (MS4s) in urbanized areas. The Town of Mount Hope falls within this MS4 area and is required to have a stormwater management plan and prepare annual stormwater reports. KC has helped to ensure the Town conforms to these regulations.

KC provided consulting services for engineering mapping, reporting, and annual NYSDEC reports. A map was created that showed the outfalls of the existing stormwater catch basins in the Town of Mount Hope. Annual MS4 reports, a stormwater management plan, and standard report forms were prepared for the Town as well. Site inspections for construction sites to ensure proper stormwater management practices were provided. KC provided NYSDEC audit support to help ensure proper documentation was on site and available.







**Diversified. Multidisciplined.**

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KC Engineering and Land Surveying, P.C. (KC) is a diversified, multidisciplined consulting engineering firm. Since 1983, KC has provided our public and private sector clients with a comprehensive range of professional services using only the latest technical equipment. The corporate headquarters of the firm is located in New York City with a branch office in Newburgh, NY. KC has extensive experience with government agencies, municipalities, and private clients; a diverse, professional staff; and an impeccable record of services rendered.

