



WATER/WASTEWATER ENGINEER, CLIFTON PARK, NEW YORK

M.J. Engineering and Land Surveying, P.C. has an immediate opening for a Water/Wastewater Engineer in our Engineering Department located at our in Clifton Park, NY office.

DUTIES INCLUDE:

- Work within a project team to support water/ wastewater projects from initial project programming up to and through construction.
- Prepare design calculations and technical specifications for a variety of water and wastewater projects, including utility pipelines, storage facilities, pumping stations, and treatment facilities.
- Prepare project plans including but not limited to process water/wastewater plans, instrumentation and controls plans, site plans, utility plans / profiles, to support project approvals and construction.
- Support in the preparation of technical reports including engineer's reports, utility master plans, capital improvement plans, condition assessments, and feasibility studies for water and wastewater systems.
- Conduct field investigations to assess site conditions, inspect facilities and provide engineering support during design and construction.
- Participate in the construction administration support including project meetings, shop drawing reviews, reviewing / responding to RFIs, assisting in preparing project punch lists, completing periodic site inspections.
- Mentoring of junior staff to share technical job knowledge and experience.
- Communicate effectively and coordinate with project team members, including sub-consultants and other disciplines (geotechnical engineers, survey/mapping, GIS, designers, electrical engineers, mechanical engineers, structural engineers and architects).
- Assist with technical marketing during the procurement of key projects, including participation in presentations

QUALIFICATIONS:

- Possess a Bachelor's degree in Civil or Environmental Engineering from an ABET- accredited college with 4 to 8 years of relevant experience in civil engineer and consulting with focus in municipal projects, including water and wastewater.
- Professional Engineer Registration (P.E.) preferred
- Understanding of NYS regulations specific to sanitary sewers, wastewater treatment, and water supply systems.
- Proficient in the use of AutoCAD Civil 3D as a design tool for the preparation of plans.
- Understanding of hydraulic modeling (WaterCAD, SewerCAD or similar) is preferred.
- Ability to work within multiple design teams and execute to meet demanding schedules.
- Have excellent technical writing and communication skills