

SUSTAINABILITY ENGINEER

Code No.: 4-30-508
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is an engineering position responsible for assisting the Town Engineer with developing and implementing a sustainability code for a town. Duties involve investigating and managing national sustainable programs such as climate smart and clean energy communities, handling resident inquiries, developing a request for proposal and contracts for the renewal. The employee reports directly to, and works under the general supervision of a Town Engineer or other higher-level staff member. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Reviews plans and engineering reports for new solar, wind and geothermal developments;

Reviews the layout, site grading, impacts to the environment (ex. wetlands, watercourse, steep slopes) as well as storm water quality and quantity review in accordance with the United States Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation (NYSDEC) regulations;

Conducts field inspections of projects under construction for compliance with plans and specifications;

Inspects completed projects for continued compliance with required maintenance and impact to adjoining parcels and the environment;

Analyzes a town's carbon footprint, electric and gas usage to assist the town move towards carbon neutrality;

Enhances community resilience to climate change through the development of a climate adaptation plan;

Coordinates various community choice aggregation programs including working with program administrators;

Works with sustainability grants including developing grant applications, obtaining funding and project completion;

Facilitates solar farm applications and assists residents obtain solar permits for residences;

Chairs committees and boards, assists the Town Engineer as needed and fills in at meetings

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of civil and environmental engineering principles; good knowledge of techniques, terminology, and procedures of sustainability and environmental management; good knowledge of sustainability engineering, practices, codes and programs; good knowledge of municipal processes such as water and waste water treatment; ability to provide technical assistance on a wide variety of environmental issues; ability to assist with the evaluation of engineering concepts in designs, drawings, specifications, and mapping; ability to assist with the writing of detailed narrative reports; ability to interpret engineering drawings; ability to perform modern engineering computations and methods; ability to solve engineering problems; ability to perform field work and research on environmental problems; ability to apply critical thinking; ability to coordinate and write grant applications; ability to maintain good working relationships on all levels; ability to

provide concise oral reports; ability to communicate orally and in writing; ability to read maps, diagrams, and engineering drawings; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma plus EITHER:

- (A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Sustainable Engineering, Civil Engineering, Environmental Engineering, Civil Engineering Technology or a closely related engineering field plus one (1) year paid full-time or its part-time equivalent experience in sustainability or environmental engineering; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in one of the fields mentioned in (A) above plus three (3) years paid full-time or its part-time equivalent experience in sustainability or environmental engineering; OR,
- (C) An equivalent combination of education and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENTS: If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the position.

Monroe County Civil Service Commission

ADOPTED: April 7, 2022