



Senior Engineer
Montgomery County Government
Department of Environmental Protection
2425 Reddie Drive, Wheaton, Maryland 20902

Salary Range: \$75,410 - \$124,198

The mission of the [Department of Environmental Protection \(DEP\)](#) is to enhance the quality of life in our community by protecting and improving Montgomery County's air, water, and land in a sustainable, innovative, inclusive, and industry-leading way while fostering smart growth, a thriving more sustainable economy and healthy communities.

DEP is seeking to fill a fulltime [Senior Engineer](#) position in the Recycling and Resource Management Division, Planning, Design, Construction and Monitoring Section. This is a non-supervisory professional engineering position responsible for managing and leading complex engineering projects that vary from large scale, multifacility, high dollar and long duration (which involve multiple engineering and environmental disciplines, coordination entities and stakeholders), to small scale routine assignments that are short in duration that may include a limited number of participants. This position will also work on special assignments to improve existing solid waste management operations while meeting regulatory compliance requirements and mitigating health and safety concerns.

Duties include, but are not limited to:

- Manage and coordinate engineering projects which includes environmental studies and technical reviews; material acquisitions; work conformance to design specifications; disaster debris management; and projects to institute good neighbor policies related to the proper operation and handling of municipal solid waste.
- Prepare, review, coordinate and monitor work for construction projects which includes scope of work, bid documents, procurement solicitations and final design and construction documents preparation; qualification and selection committee participation; reviewing written proposals and conducting Contractor interviews; contract negotiations; regulations and industry standards implementation; monitoring of Contractor work performance and schedule; and managing the monetary aspects of projects.
- Serve as liaison and project manager for contact with public and private officials, engineers, lawyers, contractors, consultants, intergovernmental agencies, community leaders and associations, and County personnel for planning, guidance and coordination purposes.
- Coordinate with other County agencies, industry professionals and regulatory authorities for permit compliance and interpretation of industry standard codes and practices.
- Present supporting documentation at public hearings to defend County proposals that are often controversial; attend community/neighborhood organization meetings (monthly and as requested) to explain Department policies and programs; and respond to complaints and requests for service regarding solid waste operations.
- Develop methods and procedures for determining operational parameters, safety, services and expenditures.
- Develop budget proposals for funding current, expanded, and/or new programs, projects, or services.

Employee may work in industrial sites and sometimes visit work sites to resolve problems. There may be exposure to hazardous materials that require the use of safety gear. This position also involves occasional standing for long periods, walking over rough and uneven terrain, stooping, bending, reaching and occasional climbing at work sites.

The individual selected for this position will be considered an "Essential Employee." Essential employees must report to work during a period of general emergency or liberal leave.

This position **REQUIRES** possession of a valid driver's license from applicant's state of residence, and the ability to drive a county vehicle to observe and/or perform work on the Transfer Station grounds or site visits.

Certified Professional Engineers are encouraged to apply.

To ensure a positive workplace and to comply with federal, state and County laws, the incumbent is responsible for completing mandatory trainings within the first three to six months or within the specified timeframe.

MINIMUM QUALIFICATIONS

Experience: Considerable (five (5) years) experience civil, chemical, electrical, environmental, industrial, mechanical or systems engineering.

Education: Graduation from an accredited college or university with a Bachelor's Degree or higher in engineering or a related discipline appropriate to the assigned position. Registration as a Professional Engineer may substitute for the degree.

Equivalency: An Equivalent combination of education and experience may be substituted, provided such combination includes at least sixty (60) accredited semester hours (or an equivalent amount of accredited professional training) in engineering or related courses appropriate to the assigned position.

PREFERRED CRITERIA

There are No Preferred Criteria Assessments. All Applicants will be reviewed by the Office of Human Resources (OHR) for minimum qualifications. Those applicants who meet minimum qualifications will be rated "Qualified", placed on the eligible list, and may be considered for an interview. Employees meeting minimum qualifications of the same grade or higher will be placed on the Eligible List as a "Transfer" candidate and may be considered for an interview.

Preference for interviews will be given to applicants with experience in the following:

- Experience with the design of municipal solid waste, transfer stations, material recovery facilities, recycling processing facilities, landfills or related field.
- Experience with procurement solicitations, scopes of work and pricing forms, qualification and selection evaluations, and contracts for equipment as well as transfer station and recycling facility operations, maintenance, and professional services.
- Experience with the administration and management of large capital improvement programs (greater than \$5 million) and contracts including budgets, out-year projections, unit price and lump sum pricing categories, work performance monitoring and inspections, project progress reporting, and invoice review and approvals.
- Experience with federal, state, and local environmental regulations associated with solid waste and recycling, hazardous waste management; leachate and industrial discharges; energy applications; erosion and sediment control, and stormwater management.
- General knowledge of safety requirements applicable to industrial sites, construction areas, as well as waste and recycling management facilities.
- Excellent verbal and written communication skills for moderating meetings and briefings as well as for preparing letters, reports, presentations, solicitations, and other technical and professional documents.

If selected for consideration for this position, you may be required to provide evidence that you possess the knowledge, skills, and abilities indicated on your resume.

Montgomery County Government offers competitive salaries and excellent benefits.

To view the complete job announcement and to apply, please visit our website at

<https://www.montgomerycountymd.gov/HR/Recruitment/MCGCareers.html>

and click on the "Search for Jobs at MCG" tab.

Read the full job description under the "**General Professional**" Job Category.

The requisition number is IRC57690.

Interested candidates must create an online account in order to apply.

This Recruitment Closes May 1, 2023

All resume submissions must address the preferred criteria for the position, which are listed in the full advertisement, preferably in a separate section of the resume.

Applicants are strongly encouraged to review the Resume Preparation Tips listed under the "Resources" tab on the Office of Human Resource's MCG Careers webpage.

EOE. M/F/H.