



Engineer I/II/III/IV (Wastewater/Water)

The James City Service Authority seeks an individual to perform responsible engineering work including design, construction and administration of capital improvement projects or programs, review and approval of development projects, studies and analyses for water/wastewater systems, and inspection of public and private development and capital improvement projects related to water/wastewater facilities.

Salary Negotiable depending on qualifications plus [Full-Time County Benefits](#).

There are four levels of Engineer distinguished by the level of the work performed and the qualifications of the employee and the requirements of the position being filled.

Classification Title	Salary Range	Salary
Engineer I	Grade 18	\$68, 877 / yr or higher DOQ
Engineer II	Grade 19	\$73,819 / yr or higher DOQ
Engineer III	Grade 20	\$79,131 / yr or higher DOQ
Engineer IV	Grade 21	\$84,844 / yr or higher DOQ

Responsibilities:

- Coordinates, directs and participates in engineering areas such as water and wastewater system design, environmental impacts, hydraulics, hydrology, development plan review and similar areas; coordinates work of consulting engineers, County departments and governmental agencies affected by, or assigned to, the designated project.
- Reviews and revises complex construction plans for water and sanitary sewer projects for compliance with standards, codes and ordinances and adherence to acceptable engineering principles.
- Develops and implements ordinances, regulations and standards to ensure sewer and water service and systems are operated in accordance with applicable state and federal regulations; prepares permit applications and supporting documentation in accordance with regulatory requirements.
- Provides technical response to citizen inquiries concerning specific projects to properly inform them as well as incorporate their input.
- Develops and implements computer applications for modeling of water and wastewater systems.
- Provides support to operations functions including assistance with operations and maintenance issues, asset management and event support for unplanned occurrences.
- **Engineer IV** will provide supervision and review of assigned staff. Performs complex engineer work that will entail a considerable amount of independent actions or decisions which demand application of advanced or specialized principles of engineering disciplines and problem solving skills.

Requirements:

- Must possess, or be able to obtain within 30 days of hire, a valid Virginia driver's license and have an acceptable driving record based on James City County's criteria.
- Knowledge of the principles, practices and methods of civil engineering as applied to planning, location, design, construction, inspection and maintenance of water and wastewater systems and related projects; principles and processes for providing customer service including setting and meeting quality standards for services and evaluation of customer satisfaction.
- Skill in use of computer software, especially Microsoft Office Suite, and at least basic knowledge of Hydraulic Modeling software.

- Ability to perform basic project/case management; use logic and reasoning to understand, analyze, and evaluate situations and exercise good judgment to make appropriate decisions; listen and understand directions, information and ideas presented verbally or in writing.

Position Level	Requirements
Engineer I	<ul style="list-style-type: none"> • Any combination of education and experience equivalent to an Associate's degree in civil engineering or a related field; some related experience; Bachelor's Degree preferred. • Some knowledge of water distribution and sanitary sewer systems design criteria. Knowledge of JCSA Design Criteria and Hampton Roads Planning District Commission (HRPDC) Regional Construction Standards as they apply to new construction and plan review is a plus.
Engineer II	<ul style="list-style-type: none"> • Any combination of education and experience equivalent to an Associate's degree in civil engineering or a related field and related experience; Bachelor's degree preferred. • Engineer-in-Training (EIT) certification preferred. • Considerable knowledge of water distribution and sanitary sewer systems design criteria. Knowledge of JCSA Design Criteria and HRPDC Regional Construction Standards as they apply to new construction and plan review is a plus. • Must meet all requirements of Engineer I.
Engineer III	<ul style="list-style-type: none"> • Any combination of education and experience equivalent to a Bachelor's degree in civil engineering or related field; extensive related experience. • Must possess Engineer-in-Training (EIT) certification. • Considerable experience implementing water distribution and sanitary sewer systems design criteria. Knowledge of JCSA Design Criteria and HRPDC Regional Construction Standards as they apply to new construction and plan review is a plus. • Knowledge of state and federal regulations pertaining to public health, public water, and wastewater systems. • Skilled in complex project/case management. • Must meet all requirements of Engineer II.
Engineer IV	<ul style="list-style-type: none"> • Any combination of education and experience equivalent to a Bachelor's degree in civil engineering or related field; extensive related experience. • Registration as a professional engineer in the Commonwealth of Virginia. • Thorough knowledge of state and federal regulations pertaining to public health, public water, and wastewater systems. • Demonstrated competency implementing water distribution and sanitary sewer systems design criteria. Knowledge of JCSA Design Criteria and HRPDC Regional Construction Standards as they apply to new construction and plan review is a plus. • Demonstrated competency in complex project/case management. • Supervises and reviews assigned staff. • Must meet all requirements of Engineer III.

[Click here](#) for full job description. Accepting applications until position is filled. Cover letters and resumes may also be attached, but a fully completed application is required in order for your application to be considered.

Only online applications to our website will be considered. To apply, please visit the James City County Career Center at <https://jobs.jamescitycountyva.gov>