



Example of Water / Wastewater Engineer Job Description

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Our company is looking for a water / wastewater engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for water / wastewater engineer

- Participate in teams involved with consulting and conceptual engineering for our clients through all phases of project execution from conceptual engineering through construction closeout and operations
- Develop engineering estimates and work plans
- Oversee the hydraulic analysis and design for a wide range of engineering projects
- Perform hydraulic modelling using a variety of programs
- Layout and design flow elements of both water and wastewater treatment plants
- Perform in the role of QA/QC reviewer or technical advisor on projects
- Present work product/results to clients (internal and external) as appropriate
- Direct junior level staff in the delivery of modeling, analyses, reports, and design documents to support a variety of projects
- Mentor/coach junior staff and provide quality reviews of their work
- Facilitate coordination for timely completion and submission of project deliverables

Qualifications for water / wastewater engineer

- Proficiency in a variety of hydraulic modelling software applications InfoWorks, H2O Map, MIKE Urban, Bentley WaterCAD, SewerCAD, SewerGEMS, WaterGEMS, Hammer & Watham (water hammer)
- Demonstrated experience in 12D or Civil 3D design experience

- Entry Level to 3 years of experience related to water and wastewater facilities is required
- Develop designs that require innovation and ingenuity
- Bachelor's degree in Civil Engineering or Environmental Engineering is required