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Wastewater Modeller

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Location: Pune, Maharashtra

Category: Water

Job ID: BIA000897

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Our People & Places Solutions business – reinforces our drive to improve the lives of people everywhere and epitomizes the “why” of what we do – the tremendous positive impact and value our solutions bring to our communities and society as a whole. From facilities delivering life-saving therapies and ensuring clean water to enabling the connection of people through all modes of transportation and providing access to technology – we’re integrating a multitude of these solution elements to build the smart environments of tomorrow.

Start your Jacobs career with a company that inspires and empowers you to deliver your best work so you can evolve, grow and succeed – today and into tomorrow.



Your Impact:

- Working with multi-disciplinary teams to deliver projects within agreed timeframes and budgets and to exceed our clients'

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- Work as part of a team being involved in a variety of projects including model build and verification, using existing or new models to understand system performance, and using the model to help the design of system improvements and enhancements to the Wastewater Network ensuring technical excellence and best practice to specification
- Undertake the development of modelled engineering solutions to mitigate the effects of development, solve sewer flooding, and address unsatisfactory overflows.
- Provide technical guidance and support to junior modelling staff
- Plan and review asset and flow surveys and field investigations.
- Plan, programme, co-ordinate and write reports for specific projects.
- Driving health and safety in all aspects of our projects.
- Communicating and liaising effectively with colleagues, contracting engineers, subcontractors, sub-consultants, and clients.
- Prepare cost estimates for modelling, project design, and construction.
- Support the management and Project Manager to ensure the successful delivery of robustly defined technical solutions

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Here's What You'll Need:

- Minimum of a Civil Engineering Degree, or similar relevant Degree.
- 5-6 years of experience in wastewater modelling
- Working knowledge of using GIS tools (MapInfo, ArcGIS)
- Proven ability within the water industry with a focus on wastewater network solutions

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verification, survey supervision, and optioneering/design of solutions (e.g. DG5 solutions).

- Able to integrate well into a team and provide technical guidance to other modelling staff.
- Proven ability in the outline design of wastewater schemes; sewage pumping systems and treatment facilities.

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