

SENIOR HYDRAULIC MODELLER / ENGINEER

We're making a difference: Together, we can ensure that there is enough water for everyone, now and in the future.

Portsmouth Water is excited to announce an opening for a Senior Hydraulic Modeller or Engineer within our renowned Asset Management Department.

This pivotal role will see you take ownership of our Hydraulic Modelling Programme and its associated data services, ensuring their continued excellence. You will have the opportunity to shape and direct the future of hydraulic modelling at Portsmouth Water, aligning our strategies and practices with national best practices and innovations within the field.

With significant responsibility and impact, this position is suited for someone ready to contribute to the long-term resilience and sustainability of our water network.

Join us in ensuring we meet the challenges of today and tomorrow while maintaining the high standards for which Portsmouth Water is known.

What will you be doing?

Key Responsibilities

- Technically and Strategically guide the Hydraulic Modelling function including internal and external service provision
- Maintenance of quality calibration through live modelling and maintenance of drift
- Provide thought guidance on hydraulic modelling to the business and serve as potable hydraulic systems SME
- Grow the function in line with industry needs and emerging technology
- Aim to be leading the industry in terms of Network Intelligence and Insights.
- Assist the Asset Intelligence Department growth and development

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320,000

Properties supplied
with water



170 Million

Litres of drinking
water per day



21

Natural water
sources



Excellence | Integrity | Future Focus

£45,216 - £54,412

GRADE 7.4 -9.3

+ Non-contractual bonus related to company performance of up to 6% of basic salary

Hours:

Full-time | Permanent | Hybrid, 2-3 days in the office

Holiday:

27 days annual leave, plus bank holidays

Pension:

A generous pension scheme in which Portsmouth Water will contribute up to 15%

Enhanced Family Friendly Leave:

Enhanced Company maternity, adoption, and paternity leave and pay

Life assurance:

The life assurance scheme provides a death in service lump sum benefit of 4 times pensionable salary

Employee Assistance Programme:

Provided by Bupa

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CLOSING DATE: 7TH NOVEMBER 2024

What do you need?

Skills and Qualifications

- Experienced in InfoWorks WS Pro including functionality such as User Programmable Controls, Open Data Import / Export Centre including scripts, SQL and live data configuration including use as a time-varying control.
 - Experienced with GIS packages such as QGIS, MapInfo or ARCGIS.
 - Recent clean water network model building and updating from CAD/GIS and model calibration.
 - Processing and analysing Telemetry or SCADA data (flow, pressure, level etc.) and performing demand analytics and studies.
 - Experience within planning field (pressure/flow/quality) testing.
 - Experienced in undertaking technical reviews of models and reports.
 - Familiarity with the relevant British Standards and clean water network modelling specifications of UK water companies.
 - Experience with Water Regulatory requirement and impacts on water utilities.
 - Proven ability to guide the delivery of ancillary technical projects, and hydraulic modelling programmes and interacting with Hydraulic Modelling consultants.
 - Ability to take on project sponsorship roles for the betterment of the Hydraulic Modelling Function.
 - Be able to provide technical knowledge in hydraulic modelling to the business.
 - Strong, collaboration and communication skills in escalating issues, oral presentations and written reports and scopes, to colleagues, non-technical staff and consultants
 - Engineering Degree qualified (preferential but not necessary)
 - Chartered with a relevant professional institution such as CIWEM or ICE or demonstrated commitment towards attainment (subscription paid).
 - Proven post-Engineering graduate experience strongly influenced by clean water Asset Performance, planning or management experience including network design and optimisation, pressure management, hydraulic modelling etc.
- OR
- Extensive hydraulic modelling experience from apprenticeship to senior level. Maths and Science A levels preferred.
- OR
- Other Technical Degree qualified with demonstrable experience equivalent in Clean Water Hydraulic Modelling

what can Portsmouth Water offer you?



Pension Scheme



Flexible Working Opportunities



Professional Development



Employee Assistance Program



Life Assurance



Annual Salary Review



Holiday Entitlement

Excellence in water. Always.

Committed to a sustainable future together



Excellence | Integrity | Future Focus

Apply Today

If you have the skills and experience to excel as our Senior Hydraulic Modeller or Engineer apply today at jobs@portsmouthwater.co.uk

We recognise people want to work in a variety of different ways, this means we are happy to consider flexible working arrangements. Please talk to us at the interview about the flexibility you may want.

We support equality, diversity and inclusion and encourage applications from all sections of society. The Company has a responsibility to ensure that all employees are eligible to work and live in the UK.

Due to the high volume of applications received we are unable to respond to unsuccessful candidates. If your application is of interest to us, we will normally contact you within 2 weeks of receiving your application.

Apply Now