

PROJECT ENGINEER – ASSET PERFORMANCE

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

We are looking to employ a Project Engineer to design and plan Network Optimisation schemes in the Leakage and Smart Networks Department, with the overall aim of further reducing Leakage on our Network.

You will be working closely with other departments, particularly Asset Management, to understand and optimise asset performance, with an initial focus on Network Performance. You will also be a member of the project team implementing the Digital Twin, and will be heavily involved in Hydraulic Modelling, so experience in Hydraulic Modelling is essential.

The successful candidate will be an excellent communicator with an analytical mindset and must have a minimum of a degree in an Engineering, Science or Environmental vocation, whilst demonstrating PW's core values of 'Excellence, Integrity and Future Focus'.

Key Responsibilities

- Plan and design the installation of new PMA's, DMA's and SAMs'.
- Optimise existing PMA's and DMA's.
- Assist, support and manage projects in the Leakage and Smart Networks Department
- Assisting the AM Lead and AM PM to deliver technical aspects of medium to large projects
- Taking technical lead and project management on small to medium projects
- Assisting the development of Asset Performance/Information levelling-up functions



320,000

Properties supplied
with water



170 Million

Litres of drinking
water per day



21

Natural water
sources



Excellence | Integrity | Future Focus

£36,396 - £45,034

GRADE 6-7

**+ NON-CONTRACTUAL BONUS RELATED TO
COMPANY PERFORMANCE OF UP TO 6% OF
BASIC SALARY**

Hours:

Full-time | Permanent

Holiday:

Holiday allowance dependant on
grade, starting at 24 days

CONTINUED

CLOSING DATE: 8 SEPTEMBER 2023

- Data Acquisition and quality assurance
- Hydraulic Modelling
- Asset Health Component Interventions (deterioration modelling, resilience needs, condition assessment)
- Planning and Delivery of Asset Condition rolling programmes to grow into

Assisting the development of Asset Performance/Information levelling-up functions including but not limited to:

- Operational Technology
- EAM (IFS) and GIS functionality review (Via Steering Group)
- Specific SCADA output functionality and design
- PW AM Representation on the national circuit
- Designing and planning capital and operational intervention programmes
- Leading graduates to develop AM analytical systems to bolster our computational capability in:
- Water auditing (water Balance, MNF Studies, TIFM studies)
- Operational Technology data optimisation and intel supporting asset performance
- Assist in continual improvement of all systems responsible for analysis and reporting of asset performance SLA to business.
- Contribute AM/AP capability to other BU programmes as required.
- Design and plan water balance component interventions and monitor confidence interval assessments and improvements
- Assist in the development of the Asset Management System in PW and contributing and collating information for the Strategic Asset Management

What can Portsmouth Water offer you?



Pension Scheme



Flexible Working Opportunities



Professional Development



Employee Assistance Program



Life Assurance



Free Onsite Parking



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 Project 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.

Apply Now