**Senior - Water Sector (Water Quality)**

**Role title:**  **Senior Consultant – Water Quality**

**Reports to: Principal**

**Grade: Senior Consultant**

**Sector: Water  
Divisional: Water Quality**

**Purpose / Scope of role**

APEM’s Water Quality Division provides water and sediment quality monitoring, analysis and interpretation services. We also coordinate APEM’s response to pollution incidents.

Our services include sampling to investigate the scale, nature and source of problems in a range of aquatic environments from ponds to reservoirs, rivers and estuaries. Using the data that we collect we diagnose the causes of water quality problems and design programmes to manage these issues.

We are looking for an experienced Senior consultant to join our Freshwater Quality team. This role is expected to be primarily desk based but there may be opportunities to undertake survey work when required. We do also have large programmes of work in transitional and coastal environments and so are also keen to hear from people with relevant experience in this area.

You will work across all aspects of the team with a key role in project management, tender production, financial management, data processing, analysis, interpretation and presentation. You will be able to design a range of different monitoring programmes and cost these accurately. You will have good technical skills, knowledge and experience and be able interpret data and explain technical ideas and concepts to clients and other members of the team who are not as well versed in your subject areas. You will have experience in management of projects.

**What success looks like in this role**

You will be seen as a trusted member of the team and the work you produce will be of a high standard and need minimal checking by Principal Consultants who mentor you. You will become increasingly proactive and independent in your role. The role will give the post holder the ability to develop and grow personally and assist with the continued expansion of the team and division as a whole.

**Key Responsibilities**

* Input and lead on the delivery of APEM’s water and sediment quality projects, including financial management.
* Responsible for directing multiple projects simultaneously, ensuring change control, reporting of issues and that client requirements and deadlines are met within allocated budget.
* Input and lead into aspects of tender preparation including costing and writing of technical sections. Be able to accurately cost for the work we undertake in the team. Demonstrate understanding of client needs.
* Have good technical skills, knowledge and experience. Be able to design a range of different monitoring programmes and interpret data (survey based and desk based).
* Client liaison.
* To provide mentoring, support and guidance to graduate and consultant grade scientists.
* To produce high quality work within tight time and cost constraints.
* Provide input into improving ways of working.
* To identify follow up work or potential new opportunities with existing clients.
* Stakeholder/regulator liaison (especially UK and Ireland).
* Marketing our modelling capabilities to current and potential future clients.
* Line management.
* To carry out any additional activities that may be reasonably required or requested.
* To take reasonable care for the health and safety of yourself and others; make use of the tools, equipment, training and resources; and actively engage with colleagues at all levels to contribute to the continuous improvement of health and safety management.
* Complete mandatory health and safety training modules and any that are specific to your role.
* Maintain your knowledge of relevant industry and business updates.
* Role model professional and other expected behavioural standards.

**Skills/Knowledge/Experience/Qualifications**

**Essential**

* Excellent communication abilities, both written and oral.
* Experience of working in a commercial consulting environment in a Senior position.
* Proven ability to deliver high quality consultancy services within budget and to a high scientific/ quality standard.
* Knowledge and experience of project delivery cycle including commercial aspects of project tendering and delivery.
* Knowledgeable in water and sediment quality assessment and management including at least one of the following: water quality impact assessments, modelling, reservoir management, catchment management, algal blooms, taste and odour, lake nutrient budgeting, and lake restoration
* A solid grounding in data processing and QC, interpretation and reporting, designing monitoring programmes and project management.
* An understanding of key UK environmental legislation.

**Desirable**

* Experience in water quality modelling e.g. SIMCAT
* A relevant higher degree.
* Professional accreditation or working towards it.

**Our Values**

Our most important assets are our people who work here. We all work as one team and rely on each other. We wish to create a working environment to which our people are proud to belong, by maintaining our values at the forefront of everything we do. These values are:

* Integrity – We do the right thing
* Quality – Quality in everything
* People - We care
* Forward thinking – We focus on the future
* Positivity – We believe we can
* Fairness – We champion equality

**Our WOW Factor**

When home became work, we learned that flexibility, understanding and balance allowed us all to move forward and grow together. So, no matter where you’re based, the hours you keep, the toddlers you have to entertain, or outside interests that help with your wellbeing we’re committed to our Ways of Working (WOW) with each other so we can continue to be our best.

**You belong**

We recognise that everyone’s story is different. The opportunities, experiences and challenges faced in life shape who we are, and we understand that these are the things that make us individual and unique. Embracing our differences means we’re able to approach what we do from every angle.

Inspiration and insight can come from anywhere, and no matter your history or choices in life, we empower our people to be their best, so we can be our best, together. **We welcome the whole you.**