ENVIRONMENTAL SCIENTIST

As an Environmental Scientist at QED Naval Ltd, you will be responsible for planning and consenting projects or achieving the pre-requisite conditions for successful tidal projects. You will be conducting research, assessments, and analyses to evaluate the impact of human activities on the environment using the latest acoustic and analytical methods. You will collaborate with cross-functional teams, government agencies, and other stakeholders to develop and implement strategies for environmental conservation and sustainable practices.

RESPONSIBILITIES:

1. **Environmental Assessments:**
   - Conduct field surveys and assessments to evaluate the environmental impact of proposed projects.
   - Analyse data related to air quality, water quality, soil composition, and biodiversity.

2. **Data Collection and Analysis:**
   - Collect and analyse environmental data using various tools, instruments, and laboratory techniques.
   - Interpret data to identify trends, assess environmental risks, and make recommendations for mitigation.
   - Manage the planning conditions for our projects and all the environmental and metocean data being collected in the datacentre
   - Be conversant in the use of GIS mapping tools and data science tools such as within Python and use of AI to recognise species.

3. **Regulatory Compliance:**
   - Stay informed about local, state, and federal environmental regulations.
   - Ensure that projects comply with relevant environmental laws and standards.

4. **Report Preparation:**
   - Prepare detailed environmental impact assessments (EIAs) and environmental impact statements (EIS).
   - Present findings and recommendations to internal teams, clients, and regulatory authorities.

5. **Collaboration:**
   - Collaborate with multidisciplinary teams, including engineers, planners, and policymakers, to integrate environmental considerations into project planning and execution.
   - Work with external stakeholders, such as community groups and government agencies, to address environmental concerns.

6. **Research and Innovation:**
   - Stay current with advancements in environmental science and contribute to the development of innovative solutions for environmental challenges.
   - Propose and implement research projects to expand the company's knowledge base.

QUALIFICATIONS:
   - Bachelor's or Master's degree in Environmental Science, Ecology, or a related field.
   - Proven experience in environmental assessments, data analysis, and fieldwork.
   - Familiarity with environmental regulations and permitting processes.
   - Strong analytical and problem-solving skills.
   - Excellent written and verbal communication skills.
   - Ability to work independently and collaboratively within a team.
   - Proficiency in relevant software tools and GIS applications is a plus.