# **Job title:** Senior Scientist / Engineer

## Education and Experience

|  |  |  |
| --- | --- | --- |
|  | Essential | Desirable |
| Degree in physical sciences, mathematics, or engineering | y |  |
| Post-graduate qualification in water quality or a related field |  | y |
| Experienced in coding in FORTRAN, Python and/or Matlab | y |  |
| Knowledgeable and experienced in water quality / chemistry |  | y |
| Project Management experience |  | y |
| Good understanding of coastal processes | y |  |
| Good understanding of marine outfall dispersion, and water quality | y |  |
| Experience in intake / outfall modelling | y |  |
| Experience in intake / outfall design |  | Y |
|  |  |  |
|  |  |  |

## Personal Characteristics

|  |  |  |
| --- | --- | --- |
|  | Essential | Desirable |
| Enthusiasm, pragmatism and resourcefulness | y |  |
| Ability to contribute to and lead research |  | Y |
| An excellent communicator in English (both written and verbal). | y |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |