# **Job title:** Principal Scientist (Water Quality)

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| **Knowledge and experience** | Essential | Desirable |
| Proven track record in water quality studies for the water industry and/or environmental regulators. | X |  |
| Broad experience in the application (and ideally also the development) of catchment and in-stream water quality modelling tools. | X |  |
| Some experience in evaluating the impact of urban diffuse pollution and potential management strategies would also be valuable. |  | X |
| Good understanding of the UK water industry and environmental regulation, statutory water quality requirements, and emerging government and regulatory priorities. | X |  |
| Evidence of both successful business development and project delivery. | X |  |
| Good vision of future industry needs and new research and tool development that could support these. | X |  |

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| **Personal attributes/behaviours** | Essential | Desirable |
| A good communicator in English - excellent written and verbal communication skills | X |  |
| Proven ability to analyse and write up data | X |  |
| Confident in presenting to peers and at industry events | X |  |
| Excellent critical thinking and complex problem solving skills | X |  |
| Ability to drive water quality business and embed this within the Flood & Water Management Team | X |  |
| A team player who is committed to helping consolidate and improve water quality skills across the Flood & Water Management Team | X |  |

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| **Qualifications and skills** | Essential | Desirable |
| Degree and postgraduate (minimum MSc) in a relevant subject area (or equivalent experience) | X |  |
| Professional qualification e.g. Chartered Institution of Water and Environmental Management (CIWEM) chartership |  | X |

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| **Circumstances** | Essential | Desirable |
| Hybrid working (40% office, 60% working from home) - Yes |  |  |
| Flexible working hours considered - Yes |  |  |