

## Person Specification

### Flood Risk and Modelling Analyst - Lindsey Marsh Drainage Board

Hours of work - 37 per week

Annual Holiday Entitlement - 23 days per annum rising to 27 after five years

All bank holidays plus three extra statutory days

Pension - Local Government Superannuation Scheme (CARE)

Salary - Grade 4-5

	Essential	Desirable
Person	<ul style="list-style-type: none"> <li>• Be driven to develop and improve technical skills and advance career in the field of flood risk and water resources management.</li> <li>• Highly motivated, dependable, open and reliable.</li> <li>• A positive, proactive and innovative approach to tackling and solving problems.</li> <li>• Commitment and loyalty to the organisation and its aims.</li> <li>• Positive and proactive approach to health and safety.</li> <li>• Excellent communication skills.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of working with multiple stakeholders or project partners.</li> </ul>
Qualifications	<ul style="list-style-type: none"> <li>• Degree in Environmental Science, Engineering or relevant discipline with significant hydrology and hydraulics content OR</li> <li>• Degree in any discipline and project experience (including an academic project) which included significant hydraulic modelling.</li> </ul>	<ul style="list-style-type: none"> <li>• Bachelors' degree related to flood risk management and hydrology.</li> <li>• Graduate membership of a professional institution and working towards chartered status.</li> <li>• Health and Safety training and/or certifications.</li> </ul>
Knowledge and Experience	<ul style="list-style-type: none"> <li>• Knowledge of policies and procedures relevant to flood risk and water management in England.</li> <li>• Knowledge of relevant pressures and drivers.</li> <li>• Experience of GIS software (QGIS, ArcGIS or Global Mapper) for managing, manipulating and analysing data.</li> <li>• Experience of fluvial flood modelling software such as HEC-RAS, Flood Modeller, TUFLOW, InfoWorks ICM and MIKE Flood.</li> <li>• Excellent report writing skills.</li> <li>• Awareness of appraisal guidance for flood and coastal erosion risk management projects in England.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience in development of projects to reduce flood risk and manage water levels.</li> <li>• Knowledge of the flood risk and water management needs of the Boards' areas.</li> <li>• Detailed understanding of appraisal guidance for flood and coastal erosion risk management projects in England.</li> <li>• Understanding of relevant environmental opportunities and constraints.</li> <li>• Knowledge of CDM Regulations.</li> </ul>
Computer Skills	<ul style="list-style-type: none"> <li>• GIS and modelling software for 1D and 2D flood risk modelling</li> <li>• Clear understanding of office-based applications, especially MS Excel for manipulating and presenting data, MS Word for preparing reports and MS PowerPoint for presenting.</li> </ul>	<ul style="list-style-type: none"> <li>• Experience of computer coding languages.</li> <li>• Knowledge of CAD software such as AutoCAD and BricsCAD.</li> </ul>

Business Skills	<ul style="list-style-type: none"> <li>• Understanding of the pressures and drivers for developing and delivering projects ensuring 'value for money'.</li> <li>• Factual and precise report writing.</li> <li>• Balance the workload of multiple projects.</li> <li>• Proven ability to manage and prioritise workloads working within timescales.</li> <li>• Ability to engage with contractors and partners.</li> </ul>	<ul style="list-style-type: none"> <li>• Monitoring/forecasting expenditure against budget.</li> <li>• Developing project inception reports.</li> </ul>
Additional Requirements	<ul style="list-style-type: none"> <li>• UK Full Driving Licence.</li> <li>• Required to travel regularly to other offices and sites.</li> <li>• Able to work extended hours when necessary and to provide cover during flood events.</li> <li>• Regular site visits required which may involve rough terrain.</li> </ul>	