



## **JUNIOR ENGINEER**

Grade 1 (Spine Point 2-9)

Essential User Car Allowance

Reporting to Assistant Engineer

### **Overall Purpose**

To assist the Operations Engineer and Assistant Engineer manage the Board's area to reduce the risk of flooding.

### **Duties, Tasks and Responsibilities**

- Safety supervisor, assisting the safety officer, prepare, implement and monitor the Board's health and safety policy, working procedures and risk assessments.
- Undertake overhead electric cable surveys, plot on plan books and adjust machine height limiters.
- Daily monitoring of pumping stations with the Board's telemetry system.
- Undertake surveys, preparation of drawings, design and supervision of engineering projects.
- Monitoring and adjustment of pumping station level control units as required.
- Assist with pumping station maintenance visits.
- Responsible for updating amendments received to the Board's computer based technical and health and safety packages.
- Operation of the Board's computer based HecRAS and Windes technical design programmes, undertake designs and check submissions by developers and consultants.
- Inspections in connection with consent applications including plotting of approved consents on OS maps (GIS).
- Collect and calculate rainfall data from the Board's sites. Complete submissions to Environment Agency and compile statistical data as required.
- Deputise for Senior Engineer in cover for foreman during absence or holiday.
- Respond to emergency call out, monitor system, supervise work or other tasks as required.
- Liaise with local authorities, statutory bodies, utilities, consultants, developers and the general public over technical issues.
- Operation and maintenance of the Board's GIS mapping system.

- Updating the Board's Asset database and supply of information to other bodies as required.
- Maintenance of the Board's 'CAD' technical drawing package.
- Monitoring of electricity usage at pumping stations and verification of accounts.