ARCADIS

Tola Shittu

Graduate Water Management Design Engineer

Sustainable design is of interest to me, particularly how infrastructure can be made more resilient to ensure its harmonious cohesion within the natural world. Integrated flood management systems, like dams and reservoirs are especially fascinating as they help preserve a vital resource whilst contributing to climate resilience.

Suitability to the role

N/A

Subtitle
N/A

Project Experience

Bid for New Innovation Project - ThamesWater
06/24 – 08/24

Tola conducted comprehensive on-site and online research to assess the impact of climate change on wastewater infrastructure. The findings were compiled into a detailed report that supported the team's successful development of an OFWAT sponsored proposal, aimed at enhancing the resilience of wastewater treatment processes in response to climate-related challenges.

Stormwater pond design
10/23 – 12/23

Tola performed hydrological analysis using rainfall and watershed data to inform the design of a stormwater retention pond. Tola calculated runoff and peak flow rates to determine the necessary storage volume for effective stormwater management. Tola collaborated with the design team to integrate these findings, ensuring the pond met both retention and discharge requirements in line with project specifications.

Key Information

Core Skills
- Proficient in CAD, e.g. AutoCAD and Civil3D
- Gant writing
- Adaptable communication skills

Education & Qualifications
- MEng Civil Engineering degree

Licenses & Certifications
- N/A

Years of Experience
4 months (1 at Arcadis)