

SECTOR OVERVIEW – Water – ENGINEERING

Monday – Water Systems & Infrastructure Overview

Time	Activity	Department	Purpose
9:00am–10:30am	Induction & water systems overview	HR / Engineering Lead	Orientation, safety and intro to water infrastructure
10:30am–12:00pm	Tour of pump station or reservoir	Civil / Field Engineer	See how water is stored, moved, monitored
12:00pm–12:45pm	Lunch break		
12:45pm–3:00pm	Intro to asset maps or flow diagrams	GIS / Planning Team	Learn how water systems are tracked and visualised

Tuesday – Design & Planning

Time	Activity	Department	Purpose
9:00am–10:30am	Shadow design or planning team	Project Engineer	Observe how water projects are scoped and mapped
10:30am–12:00pm	Assist with mock site layout or sketch	Mentor-led	Try creating a basic drainage or signage plan
12:00pm–12:45pm	Lunch break		
12:45pm–3:00pm	Intro to CAD or GIS tools	Design Technician	Learn how engineers use software to model systems

Wednesday – Sustainability & Innovation

Time	Activity	Department	Purpose
9:00am–10:30am	Sustainability & water reuse session	Environmental Engineer	Explore stormwater, recycling and sustainability infrastructure
10:30am–12:00pm	Assist with mock water flow task	GIS / Asset Team	Work with maps, overlays, flow data
12:00pm–12:45pm	Lunch break		
12:45pm–3:00pm	Mini innovation challenge	Student-led	Solve a mock problem (eg. signage, leak)

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Thursday – Field & Compliance

Time	Activity	Department	Purpose
9:00am–10:30am	Site visit or inspection shadowing	Field Engineer	Observe how designs are implemented and monitored
10:30am–12:00pm	Assist with post-inspection task	Compliance Officer	Help document findings or update asset records
12:00pm–12:45pm	Lunch break		
12:45pm–3:00pm	Planning & approvals session	Governance / Planning	Learn about permits, overlays

Friday – Career Pathways & Reflection

Time	Activity	Department	Purpose
9:00am–10:30am	Career pathways session	Engineers Panel	Explore water, civil and environmental careers
10:30am–12:00pm	Reflection & feedback	Mentor + Student	Discuss what was learned and next steps
12:00pm–12:45pm	Lunch break		
12:45pm–3:00pm	Optional project wrap-up or showcase	Student-led	Present mock design or share insights with team