



## Liam O'Rourke

B.Sc (Env.) CPESC, CESSWI & RSP-ESC

Environmental Scientist



# SEEC

Strategic Environmental and Engineering Consulting

Liam is a qualified environmental scientist with experience across project management, contaminated land, and environmental science. He has developed particular expertise in on-site wastewater management, soil assessments, and soil and water management, including erosion and sediment control.

He has worked on a diverse range of projects, including residential subdivisions, commercial developments, major infrastructure, and renewable energy projects. Liam has prepared Erosion and Sediment Control Plans (ESCPs), Soil Erosion and Drainage Management Plans (SEDMPs), Pollution Control Plans (PCPs), and stormwater drainage plans, and has undertaken inspections and monitoring of environmental controls on active construction sites.

Liam is an Environmental Scientist and an integral member of the SEEC team. He combines expertise in on-site wastewater management and soil and water management with a strong interest in stormwater drainage design.

Liam is a Certified Professional in Erosion and Sediment Control (CPESC), a Certified Erosion, Sediment and Stormwater Inspector (CESSWI), and a Registered Soil Practitioner – Erosion and Sediment Control (RSP-ESC).

### Qualifications

- Bachelor of Environmental Science and Management Majoring in Resource Management; Southern Cross University, 2012.
- Certified Professional in Erosion and Sediment Control (CPESC) (#10564)
- Certified Erosion, Sediment and StormWater Inspector (CESSWI) (#12252)
- Certificate III in Horticulture (Landscape); TAFE – North Sydney, 2007.
- Member of the International Erosion Control Association (IECA).
- Registered Soil Practitioner – Erosion and Sediment Control (RSP-ESC)

### Areas of Technical Expertise

- Project Management
- On-Site Wastewater Management Systems (Domestic and Commercial)
- On-Site Wastewater Hydraulic Designs
- Soil Assessments (Salinity and Acid Sulphate Assessments)
- Client liaison
- Preparation of ESCPs/SEDMPs/SWMPs
- Inspections, plan preparation and advice
- Soil and Water Management Plans
- Stormwater drainage design
- Stage 1 and 2 Site Contamination Assessments
- General field work for each of the above

### Recent Projects

Dates	Client	Project	Services provided
2019 to 2021	LEED	Snowy Hydro 2.0 Exploratory Works, NSW	Preparation of ESCPs and site inspections.
2021 to 2021	Newcastle City Council	Summerhill Waste Management Facility, NSW	Prepare ESCPs to append long-term surface water management plan

Dates	Client	Project	Services provided
2022 to 2025	Stantec	Cambridge Ave, Glenfield NSW	Erosion and sediment management report (ESMR) including concept ESCPs during concept design phase
2020 to present	CPB Downer JV	Warringah Freeway Upgrade, NSW	Preparation of ESCPs and site inspections.
2020 to 2022	Abergeldie	Sydney Speedway – Eastern Creek NSW	Site inspections and preparation of ESCPs for Speedway site and precast yard
2021 to present	Future Generation JV	Snowy 2.0 Project, NSW	Prepare PESCPs for ongoing works and undertake bi-monthly soil conservationist inspections
2020 to 2021	City of Newcastle	Summerhill Waste Management Centre, NSW	Concept design (20%), long-term surface water management plan and preparation of ESCP
2021 to 2024	TfNSW	South Batemans Bay Link Road, NSW	Preparation of staged ESCPs
2022 to 2023	Acciona	MacIntyre Wind Farm, QLD	Preparation of ESCPs.
2023 to present	Eastern Freeway – Burke to Tram Alliance (EBTA)	Eastern Freeway – Burke to Tram, VIC	Preparation of ESCPs and site inspections.
2023 to present	Craven Group	Patpa Drive Subdivision – Stages 1 and 2, Sheidow Park SA	Prepare SEDMPs/ESCPs for ongoing works and undertake ongoing soil conservationist inspections
2023 to 2024	Aurecon	New Richmond Bridge – Stage 2, NSW	Erosion and sediment management report (ESMR) including concept ESCPs during concept design phase
2024 to present	Red Earth Engineering (REE)	Amrun Bauxite Project, QLD	Prepare ESCPs and provide CPESC services
2024 to present	T2D Alliance	Torrens to Darlington Project, Adelaide SA	Prepare SEDMPs/ESCPs for ongoing works and undertake ongoing soil conservationist inspections
2026 to present	Jinding	Larkview Subdivision, Mount Barker SA	Review SEDMP/ESCP and provide ongoing soil conservationist services and inspections
2026 to present	AR Contracting Services Pty Ltd	Newenham Estate, Mount Barker SA	Prepare SEDMPs/ESCPs for ongoing works and undertake ongoing soil conservationist inspections

## Referees

Scott Lang	Future Generation JV	Snowy 2.0 Project	0437 216 699
Tristan Ferris	CPB Downer JV	Warringah Freeway Upgrade	0434 037 704

## Contact Details

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