



## Alyssa Thomson

B.Eng (Hons.) CPESC

Civil and Environmental Engineer



# SEEC

Strategic Environmental and Engineering Consulting

Alyssa is a qualified civil engineer who has developed significant expertise in environmental management. In particular, she has taken her skills in civil and environmental engineering and applied them to construction-site erosion and sediment control.

Alyssa has worked on a wide range of projects across a variety of sectors including major infrastructure (road and rail), pipelines, mines, energy, utilities, industrial, commercial and residential.

She is experienced in preparing erosion and sediment control plans, stormwater drainage plans, reviewing work activities, conducting flood studies or flow analyses and conducting inspections of environmental controls.

Alyssa is a civil engineer and an integral part of the SEEC team. She blends expertise in civil engineering with expertise in construction-phase environmental management. She is also a Certified Professional in Erosion and Sediment Control (CPESC).

### Qualifications

- Bachelor of Engineering (Civil) with Honours. University of Wollongong (2008).
- Certified Professional in Erosion and Sediment Control (# 7271).
- Member of the International Erosion Control Association (IECA).

### Areas of Technical Expertise

- Construction site erosion and sediment control
- Stormwater engineering and drainage design
- Surface water modelling and management
- Water treatment, sediment and nutrient control
- Site rehabilitation and revegetation
- Soil and water management.

### Recent Projects

Dates	Client	Project	Services provided
2025 to present	Turnbull Engineering	Garfield Road East Upgrade	Preliminary Erosion and Sedimentation Assessment (PESA) and Erosion and Sedimentation Management Report (ESMR) along with accompanying Erosion and Sediment Control Plans (ESCPs)
2025	bd infrastructure	Heathcote Road Overtaking Lane Extension	PESA and ESMR along with accompanying ESCPs.
2024 to present	John Holland	Parramatta Light Rail Stage 2 Enabling Works	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2022 to 2024	CPB and Ghella	Sydney Metro and Western Sydney Airport – Station Boxes and Tunnelling Works	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2022 to present	Fulton Hogan	Mount Ousley Interchange	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.

2022 to 2024	WEM Civil	Aspect Industrial Estate Mamre Road	Preparation of construction-phase ESCPs. Ongoing compliance inspections and advice.
2019 to 2022	Fulton Hogan	Nowra Bridge	Expert soil conservationist services for construction and preparation of ESCPs.
2022 to 2023	GHD	Picton Road Upgrade – Almond St to Nepean River	Erosion and sediment management report (ESMR) including Erosion and Sediment Control Plans (ESCPs).
2020 to 2022	Parramatta Connect	Parramatta Light Rail	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2021 to 2022	Aurecon	Great Western Highway (East Package) Katoomba to Blackheath	Erosion and sediment management report (ESMR) including Erosion and Sediment Control Plans (ESCPs).
2014 to 2017	Fulton Hogan	Princes Highway, Foxground and Berry Bypass	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2015 to 2020	CPB, John Holland, Dragados JV	WestConnex New M5 East, Sydney	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2018 to 2021	Fulton Hogan	Albion Park Rail Bypass	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2014 to 2019	NRT	Northwest Rapid Transit, Sydney (Sydney Metro)	Expert soil conservationist services for construction and preparation of construction-phase ESCPs.
2018	Fulton Hogan	Nowra Bridge	Preparation of ESCPs to assist with FH's (successful) bid for the Nowra Bridge project.
2018	TfNSW (RMS)	Charleyong Bridge, MR92	Erosion and Sediment Management Report (ESMR) including drawings for construction of replacement bridge over the Mongarlowe River.
2018 to 2020	TfNSW	Coffs Harbour Bypass	Erosion and sediment management report (ESMR) including ESCPs.
2023 to 2024	Abergeldie	Great Western Highway Upgrade, Medlow Bath	Soil conservationist services for construction and preparation of construction-phase ESCPs.
2013 to 2015	JKC Australia	Ichthys Project, Darwin	Preparation of site-wide wet-season ESCPs. Monthly site auditing and reporting regarding erosion and sediment controls.
2011 to 2014	MCJV	The Narrows Crossing, Gladstone	Preparation of ESCPs for staged construction of a large-capacity gas pipeline across The Narrows in close proximity to the Great Barrier Reef Marine Park. Monthly inspections to review progress and update ESCPs.

## Referees

Name	Organisation	Project(s)	Contact details
Shannon Chisholm	Fulton Hogan	Princes Highway Gerringong, Foxground/Berry Bypass and Albion Park Rail Bypass.	0400 459 769
Kelie Pittaway	Waterbear Solutions	Appin Mine Ventilation Project	0457 303 857

- PO Box 1098, Bowral NSW 2576
- athomson@seec.com.au

- Tel. 02 4862 1633
- www.seec.com.au