Liam O'Rourke

B.Sc ENV

Environmental Scientist

SEEC

Strategic Environmental and Engineering Consulting

Liam is a qualified environmental scientist with experience in the fields of project management, contaminated land and environmental science. He has developed interest and expertise in on-site wastewater management and soil assessments. In particular, he has developed an interest in soil and water management, and erosion and sediment control.

Liam has worked on a wide range of residential and commercial projects. His work includes on-site wastewater site and soil assessments, hydraulic design for on-site wastewater disposal and soil assessments. Liam has also worked along-side other SEEC team members in the completion of erosion and sediment control plans.

Liam is an Environmental Scientist and an integral part of the SEEC team. He blends expertise in on-site wastewater management with an interest in soil and water management.

Qualifications

- Bachelor of Environmental Science and Management Majoring in Resource Management; Southern Cross University, 2012.
- Certificate III in Horticulture (Landscape); TAFE – North Sydney, 2007.

Areas of Expertise

- On-Site Wastewater Management Systems (Domestic and Commercial)
- On-Site Wastewater Hydraulic Designs
- Geotechnical Studies and Soil Assessments (Site Classifications, Salinity and Acid Sulphate Assessments)
- Potentially Contaminated Land
- General field work for each of the above

Short Courses/Workshops Completed

- On-Site Wastewater Management (Three day workshop); Centre of Environmental Training, 2017.
- Contaminated Site Assessment, Remediation and Management (CSARM) UTS Short Course Series; Module A: Ground Rules for Contaminated Sites; Module B: Effective Site Assessment; Module C & D: Assessment of Contaminates of Concern, UTS – Sydney, 2016.
- Supervise Asbestos Removal (CPCCBC4051A); Pinnacle Safety and Training, Sydney 2016
- Remove Non-Friable Asbestos (CPCCDE3014A); Pinnacle Safety and Training, Sydney, 2016.
- Work Safely in the Construction Industry (CPCCOHS1001A), Express Online Training, 2016.
- Conduct Asbestos Assessment Associated with Removal (CPCCBC5014A); Alert Force, 2014.
- Accredited Environmental and Quality Management Systems Lead Auditor (RAQBQSA AU TL EM); Auditor Training Centre, 2014.

Career Highlights

Environmental Scientist, SEEC; September 2016 to present.

- Residential and commercial on-site wastewater assessments
- On-site wastewater subdivision assessments
- Hydraulic design for wastewater disposal
- Soil assessments
- Report writing and erosion and sediment control plan drafting

Project Manager / Supervisor, Enviromange Systems Pty Ltd (EMS); Aug 2015 to Sept 2016.

- Client, budgeting and project management
- Implementation of Remediation Action Plans (RAP)
- Development of safe methodologies for the safe removal of contaminated soils
- Remediation to removal of Asbestos Containing Material (ACM) from soil
- Transport and disposal of asbestos impacted soil and material tracking

Trainee Environmental Scientist, ENV Solutions; Nov 2013 – May 2015.

- HAZMAT assessments
- Site inspections, material sampling, completion of material registers
- On-site wastewater management assessments
- Salinity and Acid Sulphate soil investigations, desktop assessments, site inspections, soil boring, logging and sampling and the assessment of results
- Client liaison

Internship Position, Tailor Made Fish Farms; Oct 2012 – Nov 2012.

- Completed an energy audit to determine the most economic method of powering the fish and hydroponic farm
- Completed nutrient trials on the hydroponic system to determine the most viable rates of nutrients dependant on specific plant species

Recent Projects

- Wastewater Site and Soil Assessments and Detailed Designs of numerous residential developments: Southern Highlands, Southern Tablelands, South Coast and Greater Sydney Region.
- Site Classifications for numerous residential developments.
- Preparation of erosion and sediment control plans (under guidance).

Contact Details

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