



# ANNIE LEECH

## Consultant Environmental Scientist

Annie is a Consultant Environmental Scientist with two years of contaminated land experience, and a further three years' experience as an Environmental Site Engineer on a major Department of Defence project. Throughout her career Annie has gained experience in soil and groundwater assessment and remediation, working with PFAS contaminated soils and water, construction and stakeholder management, waste management and sediment and erosion controls.

## QUALIFICATIONS

**2018** University of Queensland / Bachelor of Environmental Management

## MAJOR PROJECTS

- Department of Defence - Growler Project
- Willawong Groundwater and Surface Water Monitoring
- Cross River Rail - Groundwater Monitoring & Remediation Supervision
- Dutton Park Inner City South Secondary School – Environmental Site Assessment

## AFFILIATIONS

- Member, Environmental Institute of Australia and New Zealand (EIANZ)

## SKILLSETS

Contaminated land & remediation



Construction Management



Erosion and sediment control



Stakeholder Management



## MARKET SECTORS



Defence



Construction



Waste Management

## CONTACT

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# EXPERIENCE

## CONTAMINATED LAND AND ENVIRONMENTAL MANAGEMENT

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- **Environmental Site Engineer, Department of Defence infrastructure project, RAAF Base Amberley, Brisbane, Queensland.** Annie's key responsibilities were consultation and communication with key environmental stakeholders on the project including; Defence Client, Project Management, Regional Environmental Officers, Environmental Consultants, Senior Lendlease Management and Subcontractors; management of Subcontractors including; contracts, progress claims, variations to contracts, programs and management of works; extended management of PFAS contaminated soils; Overview and management of a Revegetation Project; ensuring the project operated within the constraints of Federal, State and Local legislation; and management of National Greenhouse Reporting. Key outcomes while working on this project included the development of various management plans for the operation of the project, including; EH&S, Contaminated Soil & Water, Stormwater Management, Conservation & Habitat; Developing and ensuring works were conducted in accordance with Environmental Clearance Certificates (ECC's); working in close consultation with representatives from Defence and Industry to correctly manage an emerging contaminant throughout the project (PFAS); development of management plans for PFAS contaminated materials that have been replicated at other projects around the country; managing and overseeing the installation of a water treatment plant and evaporation ponds to treat PFAS contaminated groundwater and NDD waste, ensuring that the project was consistently meeting updated environmental legislation and regulations, all environmental approvals submitted and issued in a timely manner, often under significant deadline pressure; applications for Soil Disposal Permits (SDP's) and approvals for regulated waste transport; attained a national internal sustainability award for a collaborative study with QUT to determine the effects of living infrastructure on temporary buildings; successful completion of a revegetation offsets program.
- **Field Environmental Scientist, Cleanaway, Various Locations, Queensland.** Annie conducted several investigations at multiple Cleanaway landfill facilities across south-east Queensland. Annie's tasks for this client have included soil investigation bores, groundwater monitoring well installations, test pitting and completion of groundwater, surface water and landfill gas monitoring events.
- **Field Manager, Cleanaway, Willawong, Queensland.** Annie undertook quarterly groundwater and surface water monitoring events in accordance with the site's Environmental Authority. Sampling was undertaken using low flow sampling techniques, with surface water sampling undertaken from onsite surface water ponds and Oxley Creek which forms the northern site boundary.
- **Field Manager, Cleanaway, Yatala, Queensland.** Annie undertook quarterly groundwater monitoring events in accordance with the site's Environmental Authority. Works also included the installation of several groundwater monitoring wells to supplement the existing groundwater monitoring well network.
- **Field Manager, Department of Education, Dutton Park, Queensland.** Annie completed intrusive field investigations as part of a due diligence investigation at the site of the proposed Inner City South Secondary School (ICSSS), located at Dutton Park. Annie's tasks included completion of soil investigation bores and groundwater monitoring well installations, and preparation of reporting for submission to the client.
- **Field Manager, Department of Education, West End, Queensland.** Annie completed intrusive field investigations as part of the proposed expansion of the West End State School to an adjacent commercial precinct which included to vehicle mechanics. Annie's tasks included completion of soil investigation bores and groundwater monitoring well installations, and preparation of reporting for submission to the client and the Contaminated Land Auditor.
- **Field Manager, Powerlink, Virginia, Queensland.** Annie completed intrusive field investigations to assess a portion of Powerlink's Virginia site. Annie's tasks included completion of soil investigation bores and groundwater monitoring well installations to assess potential contamination risks associated with current and former site activities which included railway, fuel storage and electrical distribution uses.
- **Field Manager, Gadens, Kurrimine Beach, North Queensland.** Annie completed site inspections and intrusive field investigations at a commercial facility in north Queensland as part of a due diligence environmental assessment requested by the client's financiers. Annie's tasks included completion of soil investigation bores and groundwater monitoring well installations, and preparation of reporting for submission to the client and their financiers.
- **Field Manager, Lendlease, Redland Bay, Queensland.** Annie completed site inspections and intrusive field investigations as part of a due diligence environmental assessment at a proposed development site in Redland Bay. Annie's tasks included completion of soil investigation bores and groundwater monitoring well installations, and preparation of reporting for submission to the client.

- **Environmental Scientist, DRNME, Former Collingwood Tin Mine, Cooktown, Queensland.** Annie completed site inspections and intrusive field investigations at the former Collingwood Tin Mine, located near Cooktown in North Queensland. Annie’s tasks included completion of soil investigation bores and groundwater monitoring well installations and surface water sampling.
- **Environmental Scientist, Cross River Rail, Brisbane, Queensland.** As part of the Cross River Rail project, Annie completed desktop site history reviews on several project sites as part of Baseline Environmental Investigations, along with the completion of groundwater monitoring events and remediation supervision at as part of remediation and validation of the Woolloongabba Station site.

## POSITION SUMMARY

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● 2019 - Present	Consultant Environmental Scientist	<b>Epic Environmental Pty Ltd</b>
● 2018 – 2019	Graduate Environmental Scientist	<b>Epic Environmental Pty Ltd</b>
● 2016 – 2018	Environmental Site Engineer	<b>Lendlease</b>