



JASON CHOONG

Project Environmental Scientist

Jason is a highly motivated, dedicated and resourceful environmental professional with 3.5 years of experience. His areas of expertise include soil & environmental science, land rehabilitation & remediation, soil & groundwater sampling, site assessment, environmental monitoring & compliance, analysing & interpreting laboratory data, and writing technical reports for different stakeholders within the natural resources industry.

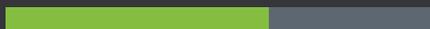
He has strong project management, report writing and communication skills with the aptitude to confidently liaise with project teams, contractors and client representatives to achieve an optimum balance for positive environmental outcomes while maximising the client's budget & given timeframes.

In his career, Jason has worked on projects across the full spectrum, from small preliminary investigation site works through to large scale complex infrastructure/remediation projects with multiple stakeholder engagement.

Regardless of how big or small the project is, Jason always has a keen attention to detail, ensure proper due diligence of every process to obtain high quality data and findings, and strong adaptability based on client requirements to deliver top-level results.

SKILLSETS

Contaminated Land and Remediation



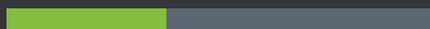
Soil Science and Rehabilitation



Groundwater



Erosion and sediment control



Stakeholder Management



Construction Management



MARKET SECTORS



Waste Management



Resource



Construction



Property



Industrial



Transport & Logistics

CONTACT

Email

enquiries@epicenvironmental.com.au

Phone

1800 779 363

QUALIFICATIONS

2017 University of Queensland / Bachelor of Agriculture Science (Honours)

2017 Certificate III in Rural Operations

MAJOR PROJECTS

- Cleanaway – Multiple Landfill Locations – Quarterly environmental monitoring for PFAS in surface water, groundwater, and leachate
- CPB Contractors – APLNG Project – Environmental Advisor Secondment for environmental management & compliance and erosion & sediment control management
- Cleanaway – New Chum Landfill – Construction Quality Assurance (CQA) supervision and reporting
- Goodman Property – Multiple sites – Phase 1 and Phase 2 Environmental Site Assessments
- Origin Energy - CSG dams & well pads decommissioning, rehabilitation and validation reporting

AFFILIATIONS

- Australian Land and Groundwater Association (ALGA), Member
- Australian Contaminated Land Consultants Association (ACLCA), Member

EXPERIENCE

CONTAMINATED LAND AND ENVIRONMENTAL MANAGEMENT

● **Environmental Scientist Field Lead, Cleanaway, Multiple Locations, Queensland.**

Jason was responsible for conducting quarterly environmental monitoring works (including PFAS) at various landfill sites with an annual budget of up to \$500,000. Key tasks included sampling of surface water, groundwater, leachate, dust, and landfill gas. Groundwater sampling included various methodologies including low-flow, submersible bladder pump, bailers and HydraSleeve. This also extended to final reporting works which include tabulation of results, determination of key trends and comparison against previous monitoring round results.

● **Environmental Scientist, CS Energy, Callide Power Station, Queensland.**

Jason was part of a team responsible for conducting PFAS investigation and monitoring scope of works worth upwards of \$300,000. Key tasks included PFAS sampling of surface water and groundwater downstream receptors, stakeholder engagement with landowners as part of sampling of water sources on their property, and barometric pressure & water level logging of groundwater wells.

● **Field Manager, Goodman Property, Multiple Locations, Queensland**

Jason was involved in various Phase 1 and Phase 2 Environmental Site Assessments (ESAs) on multiple sites to assess their contamination status prior to their proposed acquisition and future development. Key tasks included desktop site review, historical aerial imagery review, site inspection, soil & fill characterisation, delineation of areas of potential contamination, sampling of soil & groundwater (including PFAS), conducting works in accordance with relevant legislation and technical guidelines, applying relevant assessment criteria based on site mapping and usage, tabulation of data, and technical report writing.

● **Environmental Advisor (Secondment), CPB Contractors, Condabri, Queensland.**

Jason was seconded into a 3-month Environmental Advisor role with CPB to work on the Australia Pacific Liquefied Natural Gas (APLNG) project between Feb-Apr 2021. Key tasks for the role included ensuring correct implementation of field erosion and sediment control measures, ensuring environmental compliance of works with the Environmental Authority (EA) and client's environmental obligations, rehabilitation monitoring and reporting, reviewing environmental management plans, and researching literature and legislation to ensure environmental compliance. Jason received excellent feedback from the client for his diligence in filing and data management.

● **Field CQA Manager, Cleanaway, New Chum Landfill, Queensland**

Jason undertook a role as Construction Quality Assurance (CQA) Engineer at the site for the construction of a new landfill cell and surface capping. Key tasks included overseeing construction works to ensure they are up technical specification (i.e. properly backfilled anchor trenches, smooth surface finish), contractor stakeholder engagement to ensure , conducting detailed data filing and quality assurance works, and technical reporting works

● **Field Manager, GPA Engineering, BP Bulwer Island, Queensland**

Jason was the field lead for an extensive soil and groundwater investigation for a baseline ESA to assess the contamination status of the site. The site is classified as a major hazard facility and required compliance in terms of mobile plant and SWMS prior to any site works. Key tasks included selecting suitable subcontractors for the works, preparing relevant health & safety documentation to obtain approval for site works, drilling of boreholes and installation of groundwater wells, soil and fill characterisation, soil sampling for a range of analytes including ASS & PFAS, groundwater sampling, tabulation of results and technical report writing.

● **Project Manager, Dindas Australia, Tingalpa, Queensland**

Jason was responsible for managing an annual groundwater monitoring program for Dindas to meet their EA requirements. Key tasks included organising field gear for groundwater sampling, conducting low-flow groundwater sampling using peri-pump, recording water quality data using a calibrated water quality meter, tabulation of results, and technical reporting works.

● **Soil Scientist, Origin Energy, Multiple Locations, Queensland**

Jason was responsible for overseeing a significant soil sampling and rehabilitation scope of works for Origin Energy worth up to \$10 million+ AUD between 2018-2019. The main works involved decommissioning and rehabilitation of CSG infrastructure including dams, well pads and tank pads. Key tasks included baseline site assessments, soil profile descriptions, preparing site rehabilitation plans, reviewing & selecting suitable seed mix for each individual site, preparing erosion & sediment control plans, site risk assessments, supervising sub-contractor works, in-field soil testing QA/QC, topographic verification, GIS mapping, drone surveying, and validation sampling & reporting. Sites were successfully rehabilitated with 70% coverage or better and have received excellent feedback from the Client one-year post rehabilitation.

● **Soil Scientist, Arrow Energy, Dalby & Moranbah, Queensland.**

Jason was working together with a team of construction site supervisors in conducting revegetation works as part of the client’s annual environmental scope of works. Jason assisted with the supervision of earthworks contractors to ensure each site was properly rehabilitated in terms of adequate compaction relief (ripping & cross rip), proper application of hydromulch/seeding/fertiliser, proper surface finish (correct slope/contour) and management of site traffic post-rehabilitation. The tasks also extended to assisting Project Manager with ITP sign-off and preparing post-rehabilitation/post significant rainfall event reporting.

● **Field Scientist, Rio Tinto, Hail Creek Mine, Queensland**

Jason conducted erosion monitoring and drone surveying at 32 fill embankment locations at Hail Creek Mine (now under Glencore ownership). Key tasks included transect walking, drone surveying, erosion type classification & recording, soil sampling, and electromagnetic induction mapping. Final reporting to the client included recommendations on erosion mitigation which revolved around a long-term vegetation establishment

● **Field Scientist, Arrow Energy, Moranbah, Queensland.**

Jason conducted a Phase 1 and Phase 2 ESA at a CSG water storage pond which was planned for decommissioning. Jason’s tasks included review of site history, searching CLR & EMR registers, reviewing water bore data, and sampling of soil, sediment & water samples. The site was found to not have any potential contaminants of concern and was subsequently successfully rehabilitated.

Jason had also conducted residual drill mud (RDM) backfill and rehabilitation at well pad sites. Jason’s tasks included RDM sampling, baseline soil & soil stockpile assessment, interpretation of laboratory data, and assisting in validation reporting

POSITION SUMMARY

● 2020 - Present	Consultant Environmental Scientist	Epic Environmental Pty Ltd
● 2019 – 2020	Environmental/Soil Scientist	BeneTerra Pty Ltd
● 2018 – 2019	Graduate Soil Scientist	BeneTerra Pty Ltd