



## Scott Grunsell

Director & Principal Consultant

### Professional Profile

Scott is Apical's founding Director and Principal Consultant. He is a highly motivated environmental professional with over 11 years' applied experience across the consulting, mining, construction, and infrastructure sectors.

Scott specialises in providing post approval environmental support services and has acted in a diverse range of site-based environment and community management positions. Scott has extensive experience in managing the day-to-day operations of large-scale mining, construction, and infrastructure projects, affording him a strong background in the management of environmental issues.

In 2021, Scott established Apical Environmental Services, a consultancy dedicated to providing quality, site-based and remote environmental support to the construction, mining and infrastructure industries. The company was developed to address the growing resourcing shortage and to provide environmental support services to free up time for Environment and Community teams to focus on tasks essential to their roles.

With a keen focus on compliance and site environmental management, Scott has the demonstrated ability to improve processes through the implementation of compliance systems, targeted procedures and sound management practices. Scott holds good technical and project management skills with the ability to effectively manage multiple projects and contractors and has successfully implemented environmental management systems for many clients. Scott is self-motivated with the passion to lead on the ground environmental management initiatives with a hands-on, practical approach.

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### Education

#### University of Newcastle, NSW Australia – 2008 – 2011

Bachelor of Environmental Science and Management

- Majoring in Living systems
- Graduating with Distinction (GPA 6)
- Awarded the Xplor Environmental Scholarship in 2010
- Placed on the Faculty Commendation List in 2008, 2009 and 2011

#### University of Natural Resources and Life Sciences, Vienna (BOKU) - 2010

Bachelor of Environmental Science and Management

- Xplor Scholarship granted by the UoN for study abroad (1 semester)
  - Majoring in Mountain Forest Ecology, Conservation Biodiversity, Climate Change Adaption
  - Member of the ERASMUS international student organisation
  - Study completed at a master's level
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## Qualifications, Skills and Training

- Environmental Management Systems
- Environmental Consulting
- Environmental Awareness and Training
- Environmental Compliance
- Environmental Management
- Site Environmental Management
- St Johns first aid training
- Erosion and Sediment Control Training Course (CET)
- Rail Industry Worker– ID No. 20-00174646
- Drive and Recover 4WD vehicle (SSIODRV320A)
- Conduct Safety and Health Investigations (RIIWH301D)
- Apply Risk Management Process (RIIRI301D)
- Work Safely in the Construction Industry – white card (CPCCPHS100A)

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## Professional Affiliations

- Hunter Coal Environment Group – member
- Environmental Institute of Australia and New Zealand – full membership
- Business Hunter – member
- Hunter Environment Institute – member
- Hunter Young Professionals - member

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## Professional Experience

### Apical Environmental Services - 2021 - Present

**Environmental Advisor | Newcastle Col Infrastructure Group | Kooragang Island, NSW | December 2022 – present.** Scott is currently completing a site-based environmental support role at the Newcastle Coal Infrastructure Group (NCIG). Scott's focus during this role has been to aid a resourcing transition for the Environment and Community team and ensure that compliance with the relevant licences and approvals is maintained during phase. As part of this role, Scott is required to own the implementation of the site's ISO 14001 accredited Environmental Management System and provide strategic advice and site-based support to identify opportunities for improvement for NCIG's procedures and processes. Key responsibilities and accountabilities in this role include:

- Providing strategic advice and coordinating the improvement of NCIG's Environmental Risk Event identification process.
- Coordinating the implementation of the revised water monitoring program and managing the due diligence monitoring process.
- Developing and implementing site procedures and facilitating associated change management processes.
- Coordinating the transition of the site's air quality monitors
- Facilitating recycled water working group meetings
- Development and delivery of internal awareness training relating to changed environmental procedures and processes.
- Coordination of the site's compliance monitoring and reporting requirements.

**Environmental Manager | MACH Energy – Mount Pleasant Rail 2 Project | Muswellbrook, NSW | 2021 – November 2022.** Scott held the role of Environmental Manager for the Rail 2 Project (R2P) at the Mount Pleasant Operation in Muswellbrook, NSW. Scott was a member of the Project Leadership Team (PLT) and was responsible for managing all environmental compliance aspects across the Project. Key responsibilities and accountabilities in this role include:

- Presenting updates on Environmental aspects to the R2P Steering Committee
- Chairing weekly interface meetings with MACH Operations General Manager and Environment team
- Implementing the site's Construction Environment Management Plan (CEMP)
- Coordinating specialists consulting services
- Managing contamination risks and implementing site contamination protocols

- Coordination of the Project's Pipeline and Pumping contractor
- Reporting to external regulators
- Liaising with Principal Contractors regarding all Environmental requirements
- Overseeing water monitoring tasks and coordinating monthly monitoring programs
- Managing all Erosion and Sediment Control Plans and audits for the Project
- Key role in the site Emergency Management Team (EMT)
- Developing and delivering Environmental induction presentations
- Project managing the ground disturbance permitting process

## Umwelt Environmental and Social Consultants – 2018 - 2021

**Environmental Advisor | Newcastle Coal Infrastructure Group | Kooragang Island, NSW | 2020 – 2021.** Scott completed a site-based support role at the Newcastle Coal Infrastructure Group (NCIG). Scott acted as the Environment Advisor responsible for the implementation of the site's ISO 14001 accredited Environmental Management Strategy (EMS). As part of this role, Scott was responsible for managing the air quality and water management aspects of the site by liaising with the operations team, contractors, and external specialists to ensure appropriate management measures were implemented to adequately mitigate associated risks. Key responsibilities and accountabilities in this role included:

- Coordinating the development of a Trigger Action Response Plan (TARP) to manage dust emissions from the operation.
- Assessing the contamination risks associated with material storage prior to disposal.
- Supervising the application of dust suppression on product coal stockpiles.
- Review, update, and implementation of the site's ISO 14001 accredited EMS.
- Supervising the application of dust suppression on product coal stockpiles.
- Developing a system and associated procedure for removal of sediment from site water detention basins.
- Interacting with operational and logistics teams to communicate environmental requirements and provide technical advice.

**Environmental Advisor | Mt Thorley Warkworth Operations | Mt Thorley, NSW | 2018 – 2019.** Scott completed several site support roles at Yancoal's Mt Thorley Warkworth open cut operation in the Hunter Valley, NSW during 2018 and 2019. Scott held the role of Environmental Advisor and was responsible for the implementation and maintenance of the site's environmental monitoring program. Scott's responsibilities as part of the Environment and Community team included:

- Preparing daily monitoring reports for air, noise and blasting aspects of the operation which were then presented on the company website.
- Performing daily system checks of all environmental monitoring equipment using a range of database software to ensure monitors were operational.
- Consulting with operational staff and attended daily planning meetings to discuss the environmental performance of the operation.
- Providing strategic advice regarding air quality and surface water management at the site.
- Preparing Annual Return reports in accordance with the respective Environmental Protection Licence (EPL) for the operation. These reports were subsequently approved by the Environment Manager and submitted to the Environment Protection Authority (EPA).

**Environment and Community Coordinator | Mt Owen/ Glendell Operations | Singleton, NSW | 2017 – 2020.** Scott has previously completed a number site support role at Glencore's Mt Owen / Glendell open cut coal mine in the Hunter Valley between 2017 and 2020. During these roles, Scott acted as Environment and Community Coordinator where he was responsible for the following aspects of the operation:

- Coordinating the daily noise, air quality and blasting aspects of the site.
- Reviewing real time monitoring data daily to ensure compliance with the site's approval and licence criteria.
- Heavily involved in liaising with Mine Supervisors and Mine Manager to ensure the efficient running of the operation in accordance with approval and licence limits.
- Managing and supervised various specialist contractors to assist in the improvement of environmental management on site.

- Project managing the revision and update to the site's environmental management plans in response to recent comments from the NSW Department of Planning, Industry and Environment. These plans were submitted to the relevant authorities and subsequently approved for implementation on site.
- Completing Glencore's mandatory ground disturbance permit process to assess each area of proposed disturbance for potential environmental impacts.
- Performing regular inspections across all aspects of the site including day to day air quality and rehabilitation inspections as well as weekly subsidence inspections.
- Attending Senior Leadership Team meetings to provide environmental advice to the Operations Manager and Senior Leadership Team to assist in the strategic direction of the operation.
- Provided environmental advice to the Operations Manager to assist in the strategic direction of the operation in line with relevant approvals and licences.

## Glencore Coal Assets Australia – 2017

**Environment and Community Coordinator | Integra Underground Operations | Singleton, NSW | 2017.** Scott held the role of the Environment and Community Co-ordinator at Glencore's Integra Underground operation during 2017. Key responsibilities undertaken by Scott during this project included:

- Developed and implemented the site's Environmental Management Strategy.
- Implemented and maintained the site's environmental compliance system.
- Coordinated the development and implementation of the site's Environmental Management Plans.
- Supervised the completion of a phase 1 contaminated land assessment and provided technical advice to the Senior Leadership Team.
- Maintained the site's spatial data and Geographic Information System.
- Liaised with a range of stakeholder groups including community members, registered Aboriginal parties and regulatory authorities.
- Attended Senior Leadership Team meetings.
- Managed a range of contractors and specialist consultants to assist in day-to-day operations of the mine.
- Supervised the development and implementation of ground disturbance permits to ensure compliance with environmental obligations, legislative requirements, and best practice standards.
- Coordinated specialist services including ecological and archaeological due diligence surveys.
- Developed and presented environmental awareness training.
- Developed environmental procedures for implementation as part of ongoing operations.

## Umwelt Environmental and Social Consultants – 2012 - 2017

**Environmental Coordinator | Bulga Optimisation Project | Broke, NSW | 2015 – 2017.** Scott held the role of environment and community coordinator for Glencore's Bulga Optimisation Project during 2015 - 2017. This project included the construction of 330 kv powerlines, 66 kv and 11 kv powerlines, the construction of bridges, mine infrastructure areas and facilities, establishment of water management infrastructure including permanent and temporary water management infrastructure. As part of Scott's role, he was responsible for the following aspects of the operation:

- management of the vegetation clearing and tree felling process
- completing environmental inspections and
- assisting with incident investigations and management.
- Completing inspections of erosion and sediment controls across the project.
- Liaising with contract personnel to ensure ecology works are adequately scheduled
- Coordination of the ground disturbance permit process.
- Development of erosion and sediment control plans.
- Coordination of external specialist services to undertake ecological surveys.
- Analysis of environmental data and development of monthly environmental reports.