

# Capabilities

We reduce variability in operations,  
to sustainably improve site performance,  
enabling reduced operational cost.

*Driving operational efficiency*



Optimal Site Performance provides proven services and solutions to maximise site performance.

We partner with our clients to achieve

- ✓ Safety first
- ✓ Reduced operating costs
- ✓ Increased productivity
- ✓ Sustainable outcomes
- ✓ Improved communication at all levels



## Our Services

Site performance is driven by equipment, people and processes. We offer a broad range of services that optimise your equipment, your people's performance and your site processes. They can be delivered individually or in combination to provide the optimal outcome.

*Optimising Equipment | People | Processes to maximise site performance.*

*We are data driven and outcome focused.*

### Equipment

- 🕒 Machine application
- 🕒 Fleet analysis & right sizing
- 🕒 Maintenance & repair management
- 🕒 Monitoring GPS technology & systems
- 🕒 Drone survey services

### People

- 🕒 Waste application & operator training
- 🕒 Project oversight & delivery
- 🕒 Mentoring & SME support
- 🕒 Supervisory backup support capability

### Processes

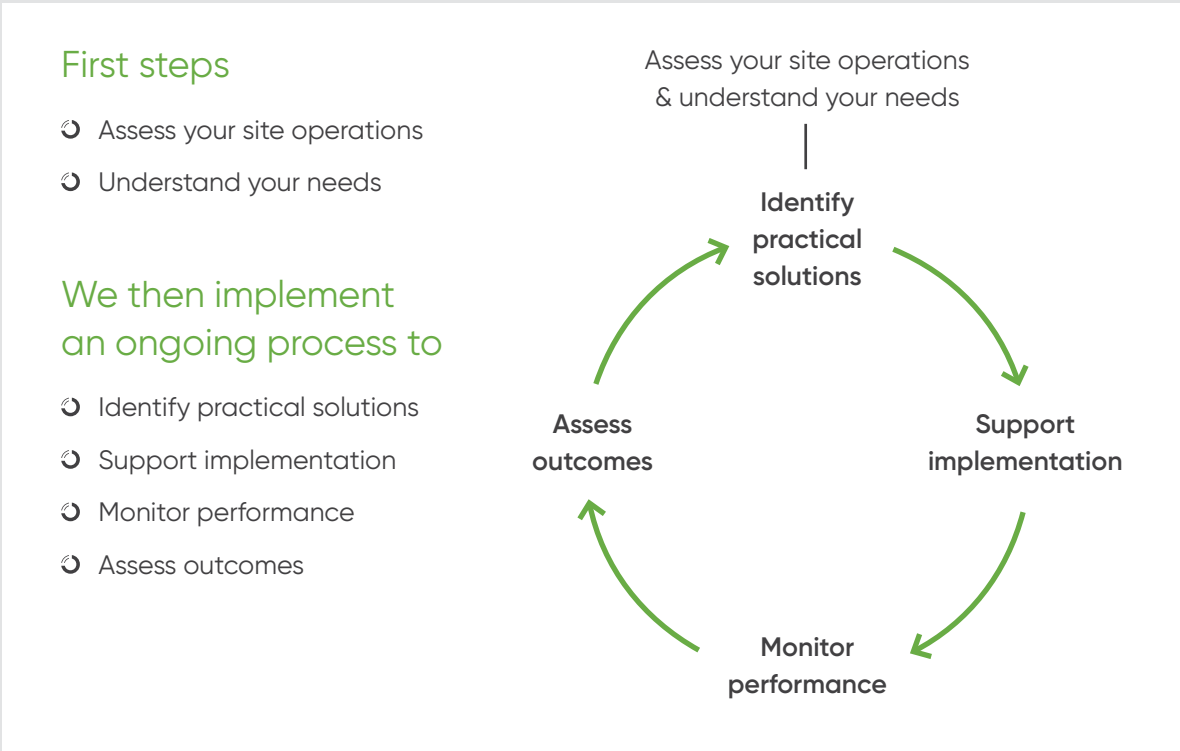
- 🕒 Site performance analysis with actionable recommendations
- 🕒 Operational monitoring technology and systems
- 🕒 Jobsite set up
- 🕒 Development of standard operating procedures
- 🕒 Landfill operational plans - cell filling plans, surface water management





# Our Solutions Process

We understand that site operations are complex and unique. Our modular services can be combined to deliver the best value outcome to your unique needs.



Rob McGahey

DIRECTOR & PRINCIPAL

Rob is an experienced and results motivated heavy equipment and waste industry professional, with over 30 years of global experience.

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## Core Competencies

### Equipment

#### Professional experience

- Machine application  
30 years
- Equipment management  
22 years
- Fleet analysis  
15 years
- Machine health analysis  
8 years
- Oil sample analysis  
7 years
- Condition monitoring  
7 years

#### Qualifications

Certificate of competency to operate  
LE, LR, LZ, LL, LG, LP, LS, LPG, LB

High Risk Work Licence  
LF, CN

### People

#### Professional experience

- Supervision & management of operational personnel  
25 years
- Mentoring & SME support to operational personnel  
25 years
- Development & delivery of operator training & assessment  
22 years

#### Qualifications

Certificate 4 in training and assessment

### Processes

#### Professional experience

- Landfill operation & construction management  
25 years
- Maintenance planning and scheduling  
22 years
- Tender development and review  
22 years
- Backlog management  
8 years



# Past Performance

Rob McGahey  
DIRECTOR & PRINCIPAL

## Equipment

## People

## Processes

Managed an accelerated landfill set up and operation of two sites to accept flood waste after the 2022 Brisbane floods, this included excavation, construction of a GCL liner system, and receipt of inert waste.

- Managed maintenance and corrective work for landfill waste handling equipment

- Managed 15 staff across two sites including the delivery of regular toolbox meetings
- Worked with site engineer to construct GCL liner system
- No reported injuries to date

- Oversaw operational setup to maximise landfill density
- Developed traffic management plan
- Complied with environment requirements

Increased landfill density from 820kgm<sup>3</sup> to 960kgm<sup>3</sup> and reduced operator driven events by over 30% at a 24/7 high-volume Melbourne landfill.

- Onboard GPS technology

- Weekly productivity meetings to identify opportunities
- Change management support to implement improvements
- Mentoring to supervision to support change management

- Development of compaction tracking by day, week, month & quarter

Over a 6-month period, improved scheduled machine availability from 65% to 82% at Eagle River Coal in Illinois, USA.

- Machines maintained included 19 pieces of CAT equipment  
OHT-785, 777  
TTT-D11, D10  
WL - 992, 988  
MG - 16H
- MHEX-Hitachi EX2500

- Upskilled maintenance staff to better understand the failure analysis process and develop actions plans

- Developed backlog management processes & component management plan

Operations Manager for Green Valley (SENT) Landfill, Hong Kong's largest landfill, in both size and intake of waste. 17 hour/day operation with average daily intake of 9,500 tonnes of waste and over 1,800 daily truck movements.

- Managed site equipment to achieve KPIs for availability. All major repairs were carried out on site.  
Equipment included 35 pieces of Caterpillar equipment  
D8R's, D6R's, 826H's, 330CL's, 980GII's, 740's & other support equipment

- Direct supervision of multinational staff.  
5 Supervisors, and 55 operational staff over 2 shifts.  
Majority of staff were not English speakers.

- Development and management of budget in excess of \$50,000,000 HKD for Landfill Operations and Construction Waste Sorting Facility
- Design, implementation and management of wet weather preparation plan. Average yearly rainfall was over 3.5 meters

Liz Spooner

ENVIRONMENT & COMMUNICATIONS SPECIALIST

Liz has over 30 years of local and international (Asia, Africa, USA) experience in sustainability and environmental management; systems management and development; community engagement, education, and training.

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## Core Competencies

Liz has experience that extends across various sectors including local and state government, building design and construction; road design and construction; waste management; natural resource management and restoration; industrial manufacturing; and international development.

### Equipment

#### Professional experience

- ☉ Sustainability & environmental reporting  
15 years
- ☉ Environmental assessment and management  
15 years
- ☉ Environmental auditing  
15 years

#### Qualifications

BSc (Environmental Studies)

### People

#### Professional experience

- ☉ Development & delivery of education & training programs  
30 years
- ☉ Development & delivery of workforce and community engagement programs  
20 years

#### Qualifications

Post Graduate Diploma in Education

### Processes

#### Professional experience

- ☉ Technical writing  
30 years
- ☉ Marketing and communications writing  
30 years
- ☉ Development & management of environmental and quality management systems  
10 years
- ☉ System auditing  
10 years



# Past Performance

Liz Spooner

ENVIRONMENT & COMMUNICATIONS SPECIALIST

## Equipment

## People

## Processes

Developed and delivered Into Nature community engagement program for City of Gold Coast. Program included digital and printed information resources, ongoing social media campaigns, traditional media campaigns, citizen science projects and community activations.

- Included environmental and sustainability actions.
- Developed and incorporated SOE reporting framework and indicators.

- Collaborated with internal and external SMEs to develop and deliver resources, projects and activations.

- Developed processes to facilitate 'whole of City' development and delivery of the program.
- Undertook review, restructure, and update of all digital content.

Developed and rolled out voluntary, self-paced, online sustainability training module for global workforce which was completed by more than 200 employees within the first month of launch.

- Embedded best practice sustainability principles and actions.

- Worked with Global Director of Sustainability, business unit managers, subject matter experts and workforce representatives to identify and refine content.

- Aligned with company operational and training systems.

Delivered environmental assessment and management for design and construction of government infrastructure. Major projects including Toowoomba Bypass (concept design), Gateway Duplication (concept design), Southern Queensland Correctional Facility (construction), Redland Hospital extension (construction), Cleveland Youth Detention Centre (construction) and Dandiiri Contact Centre (construction).

- Preparation of review of environmental factors (REFs) and environmental checklists for projects.
- Identification and management of statutory approvals and permits.
- Review, approval, and compliance auditing of construction contractor environmental management plans (incl. statutory requirements and approvals).

- Initiated, developed, and implemented environmental awareness training for project managers and departmental staff with the aim of increasing understanding of and promoting action for environmental sustainability and conformance to the management system.

- In consultation with project managers and regulatory authorities, amended existing methodologies and processes for identifying and managing compliance to statutory requirements which improved understanding and increased compliance.

Developed, implemented, and maintained integrated (Environmental, Quality & Safety) management system for state-wide waste management operations. The environmental management and quality components of this system were third party certified to ISO 14001 and ISO 9002 respectively.

- Identification of environmental requirements and risks.
- Management and renewal of ERA approvals.
- Environmental audits of facilities and collection operations.

- Developed and delivered workforce engagement program to facilitate ongoing support for and success of the system.

- In consultation with operational personnel, developed and rewrote policies, SOPs, work instructions and forms.
- Created database for incident management and reporting.

