

## CAPABILITY STATEMENT

# MULTI-DISCIPLINARY PROJECT DELIVERY FOR CIVIL & MINING INFRASTRUCTURE

Client's representative services for bulk earthworks and tailings storage facility (TSF) construction, and consultant project management for microtunnelling, pipelines and civil works.

## PROFILE

Rushe Civil & Mining (RCM) is a Perth-based consultancy providing independent project management, construction management and client-side representation to mine owners, asset owners and contractors across Western Australia.

Every engagement is delivered personally by **Edward Rushe MBA, MSc, BSc (Hons)**, a senior project manager with almost 20 years' experience across bulk earthworks, TSF construction, tunnelling and pipe jacking, Direct Pipe, large-diameter pipelines, drainage, roads and piling, on projects in Australia, New Zealand, the UK, West Africa and the Pacific.

## SERVICE FOCUS

### Client's Representative

Bulk earthworks and TSF construction on operating mine sites.

### Consultant Project Manager

Microtunnelling, pipe jacking, shafts, pipelines, drainage and wider civil works.

### Flexible Engagement

Ad hoc or part-time support, on site or off site, across WA and beyond.

**150+**

staff led at peak across a 10 km expressway zone

**2 km**

Direct Pipe ocean outfall drive, the world's longest at the time

**20 km+**

large-diameter watermain installed and commissioned

**Zero harm**

40-strong international tunnelling team in Ghana

## CORE SERVICES

### 01 Client's Representative

Owner-side oversight of earthworks and TSF contractors: progress, quality, HSE, claims and variations, with clear reporting to the client.

### 02 Bulk Earthworks & TSF

TSF embankment raises and bulk earthworks on operating mines: sequencing, productivity, QA/QC, hold points and Engineer of Record liaison.

### 03 Microtunnelling & Trenchless

Consultant PM for microtunnelling, pipe jacking and Direct Pipe: methodology, shafts and temporary works, ground risk and production.

### 04 Pipelines & Civil Works

Large-diameter pipelines, outfalls, drainage, utilities and roads: crews, subcontractors, staging, land access and commissioning.

### 05 Commercial & Contracts

NEC, FIDIC and JCT contract administration: forecasting, change and claims, dispute resolution, and tender and subcontract review.

### 06 HSEQ Leadership

Practical safety leadership and a positive culture across large multi-disciplinary crews, subcontractors and high-risk underground work.

## QUALIFICATIONS & CREDENTIALS

### EDUCATION

- **Master of Business Administration**  
Australian Institute of Business (2021)
- **Master of Construction Management**  
University of Salford (2019)
- **BSc (Hons) Civil Engineering & Survey**  
University of East London (2011)

### TRAINING & TICKETS

- S26 Statutory Supervisor (WA)
- Temporary Works Coordinator (UK)
- SMSTS site safety (UK)
- Confined Spaces, medium risk (UK)
- Construction Induction (White Card)
- Mental Health First Aider

### CONTRACTS, SECTORS & REGIONS

- **Contracts:** NEC (incl. NEC4), FIDIC, JCT
- **Sectors:** mining and resources, water and wastewater, roads, rail and power
- **Regions:** WA (incl. Pilbara and Murchison), NSW, New Zealand, UK, West Africa, Pacific

## TRACK RECORD

# SELECTED PROJECT EXPERIENCE

Senior delivery roles across mining, earthworks, tunnelling, pipelines and major civil infrastructure.

| PROJECT                                                              | ROLE                                                                 | SCOPE & OUTCOMES                                                                                                                                                                                               |
|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Current engagements</b><br>Western Australia                      | <b>Client's Rep / Consultant PM</b><br>Rushe Civil & Mining          | TSF construction support on mine sites across WA, earthworks in the Pilbara, and microtunnelling (clients kept confidential).                                                                                  |
| <b>WA civil &amp; mining projects</b><br>Perth Metro and regional WA | <b>Metro Operations Manager</b><br>Central Earthmoving               | Built Perth Metro capability, winning and delivering the first metro project. Oversaw PMs on a \$34m Indian Ocean Drive project (Main Roads WA), a \$3m TSF raise at Fortnum and a \$7.5m SKAO NEC4 close-out. |
| <b>HS2 Sublot 2</b><br>West Midlands, UK                             | <b>Project Manager</b><br>Balfour Beatty VINCI JV                    | Works package including a 700 m cut-and-cover rail tunnel: JV engineers and supervisors, specialist piling, structural and earthworks partners, and value engineering.                                         |
| <b>HS2 Enabling Works</b><br>Birmingham, UK                          | <b>Project Manager</b><br>Joseph Gallagher                           | Joined mid-project to complete a 1.2 km curved, 2.5 m OD pipe jack and complex permanent works in a live sewer carrying around 1,000 L/s.                                                                      |
| <b>Waikato Expressway</b><br>Waikato, New Zealand                    | <b>Zone Manager</b><br>Fletcher Construction<br>(City Edge Alliance) | Promoted from drainage lead to run a 10 km zone of the expressway: bulk earthworks, drainage, utilities and roading, with 150+ staff at peak.                                                                  |
| <b>Army Bay Ocean Outfall</b><br>Auckland, New Zealand               | <b>Senior Project Engineer</b><br>McConnell Dowell                   | Design-and-build outfall with a 2 km Direct Pipe drive, the world's longest at the time. Planning, procurement, biosecurity clearance, budgets and a 30-strong team.                                           |
| <b>NorthConnex</b><br>Sydney, NSW                                    | <b>Project Engineer</b><br>Bouygues Construction<br>Australia        | Managed four roadheader tunnelling crews on the main running tunnels of the \$2.4bn motorway: productivity, procurement, safety and programming.                                                               |
| <b>Kpone Independent Power Plant</b><br>Ghana                        | <b>Construction Manager</b><br>Coleman Tunnelling                    | 4 km of seawater intake and outfall tunnels (US\$40m+), pipe jacked at 2.1 m OD with a Herrenknecht AVN machine, including sub-sea recovery. Zero harm across 40 international staff.                          |
| <b>Hunua 4 Watermain</b><br>Auckland, New Zealand                    | <b>Project Engineer</b><br>Fulton Hogan (FH /<br>John Holland JV)    | 20 km+ of 1,965 mm and 1,575 mm CLS pipeline through residential Auckland; led three pipeline crews through installation and commissioning.                                                                    |

**Earlier roles:** Section Engineer, Costain (Birmingham, UK); Tunnel Engineer, Morgan Sindall (King's Cross, London); and McConnell Dowell in American Samoa, including Pacific tendering (Guam, Fiji and Tonga). Experience listed was gained by Edward Rushe in the roles and organisations shown.

### WHY ENGAGE RCM

- **Principal-led.** You deal directly with Edward on every engagement, with no hand-offs.
- **Contractor insight.** Client-side oversight shaped by years of leading delivery teams.
- **Multi-disciplinary.** Earthworks, TSF, tunnelling and pipelines, and the interfaces between them.
- **Recovery-ready.** Steps into live projects to restore program, production and confidence.

### ENGAGEMENT OPTIONS

- Client's or owner's representative, on site or off site
- Consultant PM or CM on an ad hoc or part-time basis
- Periodic site visits with HSE, productivity, commercial, technical and program reporting
- Project recovery and short-term support
- Tender, methodology and constructability reviews
- WA-based, available interstate and internationally

**Available for client's representative, project and construction management engagements**

Direct, senior support for mining, civil and underground infrastructure projects

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GLOBAL FOOTPRINT

# PROJECT LOCATIONS WORLDWIDE

Project and site experience across Australia, New Zealand, the UK, Africa, the Middle East and the Pacific.



**13**

project and site locations across the world

**7**

countries and territories, from Angola to American Samoa

**4**

continents: Oceania, Asia, Europe and Africa

**Perth**

WA base, available interstate and internationally

## REGIONAL DETAIL

### 01 Australia

4 LOCATIONS · WA & NSW



- **Perth** Western Australia (base)
- **Kalgoorlie** Goldfields, WA
- **Meekatharra** Murchison, WA
- **Sydney** New South Wales

### 02 New Zealand

3 LOCATIONS · NORTH & SOUTH ISLANDS



- **Auckland** North Island
- **Hamilton** Waikato, North Island
- **Cromwell** Central Otago, South Island

### 03 United Kingdom

2 LOCATIONS · ENGLAND



- **London** England
- **Birmingham** West Midlands, England