



COLLABS SCIENTIFIC SERVICES

ABN: 12757676720

PO Box 51, Collie, WA, 6225

W: www.collabs.net.au

[LinkedIn profile](#)

E: kathy.miller@collabs.net.au

T: 0409 378 742

CAPABILITY STATEMENT

COMPANY PROFILE

Collabs Scientific Services is registered in Collie, Western Australia and has operated since early 2021.

Primarily a Scientific Consultancy, mainly in industrial chemistry, with additional services in general project management, adult training, science communication, quality management systems, and technical writing.

We work with a range of organisations in Collie, Western Australia, interstate, and internationally, to provide scientific and technical advice and services, plan and manage projects, drive improvements, solve problems, and help businesses formulate strategic business decisions and directions.

INDUSTRIES AND SECTORS

Industrial Chemistry; Power Generation; Minerals; Advanced Manufacturing; Water Treatment; Pharmaceuticals; Biomaterials; Cosmetics; Research, Development, and Academia; Food and Beverage; Supplements and Nutraceuticals; Nutrition (especially Low Carb and Ketogenic regimes); Government; Tourism; Small Business

PRINCIPAL CONSULTANT

KATHY MILLER IS A SCIENTIFIC CONSULTANT, INDUSTRIAL CHEMIST, TECHNICAL WRITER, TRAINER, AND LEADER

Highly skilled and qualified professional with 30 years of wide-ranging experience as an industrial chemist. Significant expertise in research, improvement, and innovation; quality management; science communication; team leadership, mentoring and staff training; development, validation, and improvement of chemical and manufacturing processes and laboratory analytical methods; process chemistry; analytical chemistry; water treatment; chemical and industrial safety; and laboratory and manufacturing resources management.

I have worked in research, analytical and manufacturing disciplines and I have experience across food, water, minerals, pharmaceutical, cosmetics, and power generation.

TECHNICAL WRITING SERVICES

Grant Writing (specialising in WA govt grants)
Quality Management Systems
ISO9001, ISO17025, ISO22716, ISO13485; GMP/GLP
Standard Operating Procedures (SOPs)
Manuals and Guidelines
Reports and Publications
Scientific & Technical Information
Presentations (Written and Verbal)
Training and Assessment Materials

STAKEHOLDER ENGAGEMENT SERVICES

Communication of complex information
Event planning and organization
Project Management
Presentations (Written and Verbal)
Social media and website management

SCIENTIFIC ADVISORY SERVICES

Process and Products Development
Process Improvement and Optimisation
Laboratory Design and Workflows
Laboratory and Process Equipment
Technical Troubleshooting
Problem Solving and Innovation
Document Reviews and Rewrites
Editing and Scientific Reviewing
Menu Nutritional Information

TRAINING AND ASSESSMENT SERVICES

Training (Theory and Practical)
Mentoring and Support for Workplace Trainees
Customer, Business, and Supplier Education
Employee Induction and Training Programs
Specialist & Technical Training Course Design

CAPABILITY, CONSULTANCY CLIENTS, AND COMPLETED/ONGOING PROJECT EXAMPLES

Boards, Committees, and Positions

Board member of the Future Food Network
 Chair of SW Regional TAFE Industry Reference Group
 Shire of Collie Bush Fires Advisory Committee Member
 Captain, Collieburn-Cardiff Bushfire Brigade
 A Founding Member of Society of Metabolic Health Practitioners

Qualifications and Certificates

BSc Hons Food Science and Nutrition
 Cert IV TAE 40116 Training and Assessment
 Cert III Small Business Management
 Reverse Osmosis Specialist Level 3
 Public Liability & Prof. Indemnity Insurances

Scientific and Technical Consultancy Services Contracts

International Graphite	Scientific and Quality Consultant & Chief Industrial Chemist	Startup laboratory setup and commissioning, laboratory equipment supplier liaison, scientific and technical advice, process equipment commissioning, process and products development and optimization, ISO9001 QMS document writing and system management
Suvo Strategic Minerals Ltd	Technical Consultant	Scientific advice, research and communication, laboratory equipment audit, chemical processes review, improvement recommendations and project planning
Murdoch University	Technical Consultant - Collicrete Project	Scientific advice, research and development, communication of scientific information, technical document writing, team mentoring, project management
Alcoa	Technical Consultant	Technical advice related to treating industrial wastewater & design of a new treatment plant
Holista Colltech Ltd	Scientific Consultant	Scientific advice & strategic direction; expansion project management; ISO9001 & ISO22716 quality systems; research; technical writing; documentation reviews & audits; process improvement projects; staff training

Grant and Technical Writing Contracts

Small businesses based in Collie and Surrounds	Grant Writer	Writing Collie Futures Small Grants applications for various clients (12 completed or in progress to date)
SoftIron Australia Pty Ltd	Grant Writer	Federal Defense Dept grant writing for IT Company with innovative Cloud solutions
Collie River Valley Marketing Group	Researcher & Technical Writer	Research, stakeholder engagement, information collation, and technical writing to compile a tourism publication and write a technical report
Cactus Communications	Scientific Manuscript Reviewer, Editor, and Advisor to Authors	Scientific review and editing of manuscripts destined for peer-reviewed journal publication, provision of technical advice and strategic direction to authors and researchers
MDPI Journals	English Language Editor	English language editing of scientific journal manuscripts, mainly in science and medical fields

Training, Assessment, and Stakeholder Engagement

AMSTS & DH PAUL	Trainer and Assessor	Water treatment technical training courses presenter at industrial sites across Australia for DH Paul accredited RO Specialist Level I, II, and III certifications
Murdoch University, Collicrete Project	Stakeholder Engagement Officer	Stakeholder liaison, email & communications, website & social media, events management, technical writing
Keto With Kathy	Ketogenic & Low Carb Nutrition Consultant	Stakeholder engagement, scientific advice and communication, website & social media management, events management, training courses and programs
Department Fire and Emergency Services	Volunteer Trainer and Assessor	Delivery of approved training courses for bushfire brigade recruits and crews, assessment of competencies