



6 September 2021

The Planning Secretary
Department of Planning, Industry and Environment

Dear Sir/Madam

Re: Ardmore Park Quarry – PA 07_0155 – Approval of Expert for preparation of Landscape Management Plan

Our Company has been commissioned by Multiquip Quarries Pty Ltd (Multiquip) to coordinate the updating of the Management Plans relied upon to manage the Ardmore Park Quarry. The purpose of this email is to seek the Planning Secretary's endorsement of Mr Paul Burcher of Aquila Ecological Surveys and myself for the preparation of the updated Landscape Management Plan for the Ardmore Park Quarry under Condition 20(a) of Schedule 3 of PA 07_0155, the relevant section of which is reproduced below.

20. The Proponent shall prepare and implement a Landscape Management Plan for the project to the satisfaction of the Planning Secretary. This plan must:
- (a) be prepared in consultation with BCD by suitably qualified expert/s whose appointment/s have been approved by the **Planning Secretary**, and be submitted to the Planning Secretary for approval prior to the commencement of quarrying operations; and
 - (b) include a:
 - Rehabilitation Management Plan; and
 - Quarry Closure Plan.

Note: The Department accepts that the initial Landscape Management Plan may not include a detailed Quarry Closure Plan. However, the initial plan must include an outline and a timetable for completion of the detailed Quarry Closure Plan.

The consultant previously engaged regarding Landscape Assessments for the Ardmore Park Quarry has retired and Multiquip intends to commission Mr Burcher who has previously undertaken the Framework for Biodiversity Assessment Survey for the recent modification of PA 07_0155. I have attached CVs for Mr Burcher and myself for your review.

We trust that this provides you with the information that you require at this stage.

Brooklyn Office:

Level 1, 12 Dangar Road, PO Box 239, BROOKLYN NSW 2083
Telephone: (02) 9985 8511 Email: brooklyn@rwcorkery.com

Orange Office:

62 Hill Street, ORANGE NSW 2800
Telephone: (02) 6362 5411 Email: orange@rwcorkery.com

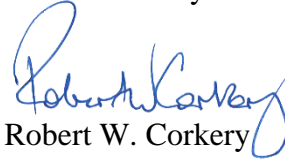
Brisbane Office:

Level 54, 111 Eagle Street, BRISBANE QLD 4000
Telephone: (07) 3205 5400 Email: brisbane@rwcorkery.com

Please do not hesitate to contact either Sam Rosek or myself in our Brooklyn office should you require any additional information.

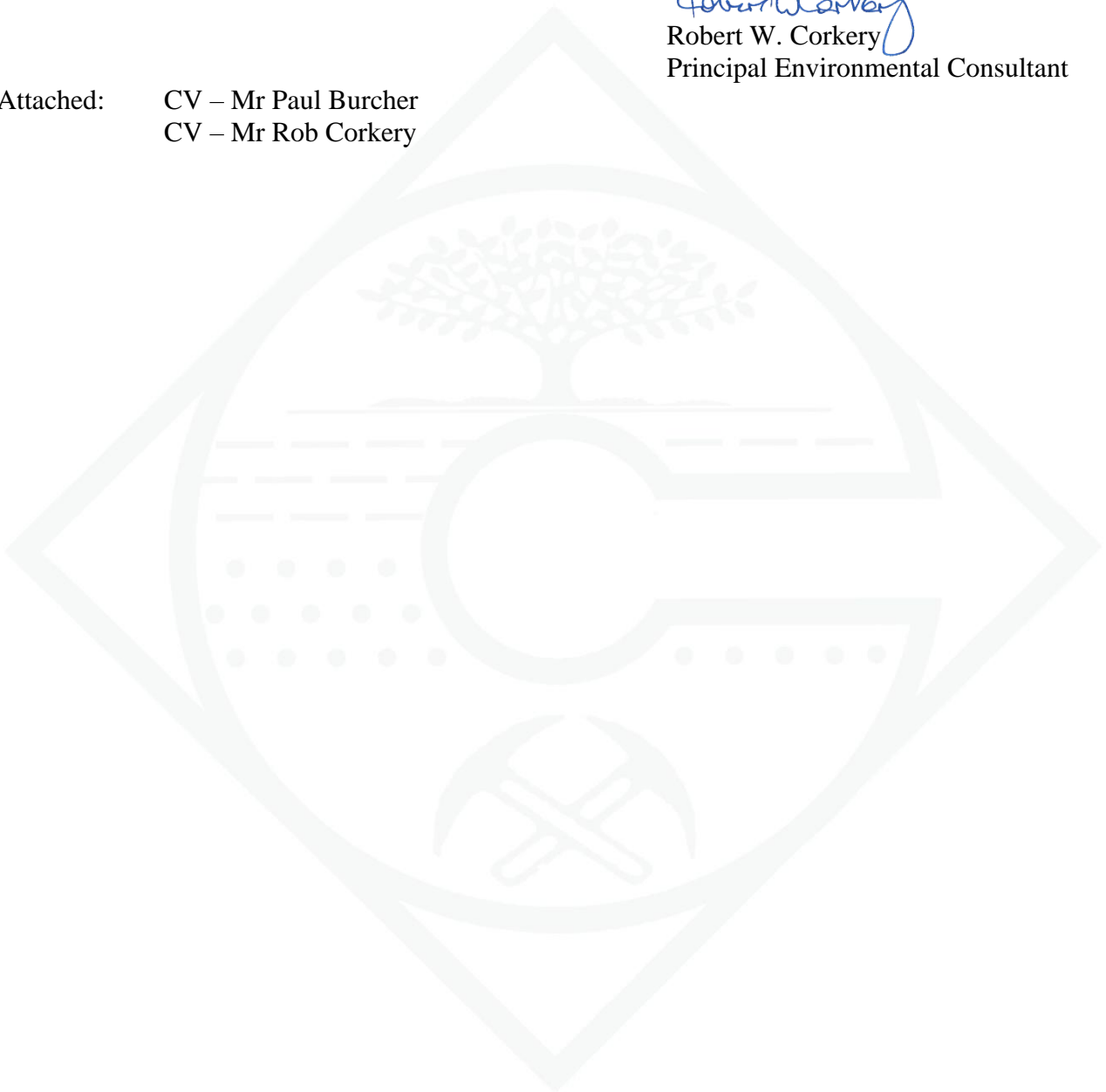
We look forward to the Planning Secretary's endorsement of Mr Burcher and myself.

Yours sincerely



Robert W. Corkery
Principal Environmental Consultant

Attached: CV – Mr Paul Burcher
CV – Mr Rob Corkery



PAUL BURCHER
AQUILA ECOLOGICAL SURVEYS

Tertiary Qualifications:

NSW Institute of Technology (now U.T.S.) Bachelor of Applied Science (Applied Biology)
1984 - 1987

Professional Affiliations:

Ecological Consultants Association of NSW
Royal Zoological Society of NSW (Scientific Member)
Ecological Society of Australia
Member Birdlife Australia

Business Address:

Aquila Ecological Surveys
24 Alberta Avenue
Cowan NSW 2081

Contact Details:

phone: (02) 9456 3853 **mobile:** 0499 777 490
email: paul@aquilaeco.com.au **net:** www.aquilaeco.com.au

Licences:

- Animal Research Licence (NSW Agriculture)
- Office of Environment & Heritage Scientific Licence
- Class A Drivers Licence
- Accredited Biobanking Assessor

Current Contracts:

- North Sydney Council Natural Areas Survey. Client: North Sydney City Council
- Swift Parrot - *Lathamus discolor* Habitat Assessment. Client Hornsby Shire Council.
- Flora survey and assessment, proposed fire trail upgrade REFs in northern Sydney. Client: Lesryk Environmental/NSW Soil Conservation Service.
- Flora survey and assessment, proposed improvements to Mid Western Highway south of Blayney, Mid Coast LGA. Client: Lesryk Environmental.
- Flora survey and assessment, DPI Leadville Remediation Action Plan. Client: Lesryk Environmental
- Flora survey and assessment, – Transport for NSW proposed Sutherland to Cronulla Active Transport Link. Client: Lesryk Environmental.

Selected Listing of Past Consultancy Projects:

- Framework for Biodiversity Assessment Survey, Ardmore Park Quarry Expansion. Client: Multiquip Quarries Pty Ltd/ RW Corkery Pty Ltd.
- Flora Survey and Assessment, New water supply reticulation work, Bungendore, NSW. Client: Lesry Environmental/NSW Public Works.
- Flora survey and assessment, proposed derelict mine remediation work, Conrad Mine, Howell. Client: Lesryk Environmental Consultants.
- Surveys and monitoring of the threatened plant *Lasiopetalum joyceae* in Parr SCA as part of SOS Program. Client: OEH.
- Surveys and monitoring of the threatened plant *Persoonia nutans* in Wianamatta, Castlereagh, Windsor Downs and Agnes Banks Nature Reserves as part of SOS Program. Client: OEH.
- Surveys and monitoring of the threatened plant *Lasiopetalum joyceae* in Parr SCA as part of SOS Program. Client: OEH.
- Vegetation surveys of weed treatment regimes at Scheyville and Cattai National Parks. Client: OEH/Nature Conservation Council.
- Threatened Species Profile Reviews 2019. Client: NSW Office of Environment & Heritage.

- Surveys and monitoring of the threatened plant *Asterolasia elegans* in Parr SCA as part of SOS Program. Client: DPIE.
- Surveys and monitoring of the threatened plant *Pultenaea parviflora* in Wianamatta, Castlereagh, Windsor Downs and Agnes Banks Nature Reserves as part of SOS Program. Client: OEH.
- Ecological Considerations, Breakfast Point Landscape Concept Masterplan. Client: Rosecorp.
- Ku-ring-gai Municipal Council Hazard Reduction Burn Environmental Assessment, proposed Jessica Gardens HR. Client: Ku-ring-gai Council.
- Ecological assessments for inclusion in REFs prepared for proposed hazard reduction burns at Wisemans Ferry, Normanhurst, Dangar Island, Mt Kuring-gai, Cherrybrook, Galston Hornsby and Mt Colah. Client: Hornsby Shire Council
- Ecology Assessments for Determination of Compensation, Land Acquisition (Just Terms Compensation) Act, Riverstone Road, Riverstone, Advance Street, Schofields and Bligh Street, Riverstone. Client: Property NSW.
- Fauna and Flora Monitoring Survey, Wianamatta Nature Reserve, Cranebrook. Client NSW Office of Environment & Heritage
- Surveys and monitoring of the threatened plants *Micromyrtus minutiflora*, *Persoonia nutans* and *Pultenaea parviflora* in Wianamatta, Castlereagh, Windsor Downs and Agnes Banks Nature Reserves and Scheyville National Park as part of SOS Program (2016-2020). Client: OEH.
- Surveys and monitoring of the threatened plant *Tetratheca glandulosa* in Maroota SCA and Dharug and Berowra Valley National Parks
- Surveys and monitoring of the threatened plant *Lasiopetalum joyceae* in Parr SCA as part of SOS Program. Client: OEH.
- Vegetation surveys of weed treatment regimes at Scheyville and Cattai National Parks. Client: OEH/Nature Conservation Council.
- Flora survey, Marramarra National Park and Muogamarra Nature Reserve. Client Gingra Ecological Surveys/NPWS.
- Flora Assessment, Proposed Office of Water works at 'Nimmie-Caira' property near Maude, NSW. Client Lesryk Environmental/NSW Dept. Finance.
- Hornsby Shire Threatened Biota Conservation Plan (Fauna Section). Client: ESP Ecological Surveys & Planning P/L/Hornsby Shire Council.
- Hornsby Shire Council Native Flora and Fauna Conservation Study (Fauna Section). Client: Gingra Ecological Surveys/ Hornsby Shire Council
- Profiles of Threatened Fauna Species in Gosford LGA. Client Ecological Surveys & Planning/Gosford City Council.
- Wildlife and Corridors Study. Client: Pittwater Council
- Flora and Fauna Study: Pittwater Council Coastal Strategy. Client: Pittwater Council.
- Fauna Survey and Inventory of Bushland Reserves as part of Urban Bushland Plan of Management. Client: Pittwater Council.
- Ecology Assessment, Determination of Compensation, Land Acquisition (Just Terms Compensation) Act, Blight Street, Riverstone. Client: Property NSW.
- Flora assessment, mine remediations sites near Broken Hill and Silverton. Client: Lesryk Environmental.
- Flora survey of Blue Gum High Forest remnant, Observatory Park, Pennant Hills. Client: Hornsby Shire Council.
- Flora survey for Natural Asset Mapping for Plant Communities in Baulkham Hills Shire. Client: Baulkham Hills Shire Council
- Flora and Fauna Assessment, Proposed Civil Works, Reserve 784, Meurants Lane, Glenwood Client: Blacktown City Council.
- Ku-ring-gai Municipal Council Hazard Reduction Burn Environmental Assessment, proposed Jessica Gardens HR. Client: Ku-ring-gai Council.
- Roadside Vegetation Assessment, Goulburn-Mulwaree Local Government Area. Client: Goulburn Mulwaree Council.
- Flora survey and assessment, proposed mine rehabilitation, Wilpinjong. Client: Lesryk Environmental/NSW Department of Planning and Environment.
- SoS Monitoring of *Halorogodendron lucasii*, Ku-ring-gai Chase National Park. Client NSW Office of Environment & Heritage.

Robert William Corkery
Principal Environmental Consultant



R.W. CORKERY & CO.

PTY. LIMITED ABN 31 002 033 712

GEOLOGICAL & ENVIRONMENTAL CONSULTANTS

ACADEMIC RECORD

1974 - B.Appl.Sc.(Hons), Geology, University of New South Wales, Sydney, NSW

1979 - M.Appl.Sc., Environmental Pollution Control, University of New South Wales, Sydney, NSW

1996 - Certified Lead Environmental Auditor (Environmental) Registered, No. 5359

INDUSTRY AFFILIATIONS

Fellow – AusIMM, Chartered Professional (Environmental)

Honorary Fellow – Institute of Quarrying Australia

Member – NSW Minerals Council

EMPLOYMENT HISTORY AND EXPERIENCE

July 2019 to Present *Principal Environmental Consultant, R.W. Corkery & Co. Pty Limited*
Geological and Environmental Consultants

- Continuation of Professional Tasks performed as Principal and Managing Director.
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Oct 1980 to June 2019 *Principal and Managing Director, R.W. Corkery & Co. Pty Limited*
Geological and Environmental Consultants

- Geological evaluation and quality control of construction materials and industrial mineral resources.
 - Preparation of Environmental Impact Statements and Environmental Assessments for Major Projects and State Significant Projects, Environmental Effects Statements, Work Plans, Mining Operations Plans, Baseline Environmental Studies and Environmental Constraints Assessments for the extraction of construction materials, industrial minerals, heavy mineral sands, coal, gold, copper and other metallic minerals.
 - Preparation of Environmental Management Plans and Environmental Management Systems for various mining, quarrying and construction projects.
 - Project Management, Consultant Briefing and Review
 - Environmental assessments of waste disposal facilities.
 - Preparation of annual/biennial environmental reports and assessments.
 - Due diligence and environmental management and compliance audits.
 - Assessment of rehabilitation strategies and plans for abandoned/completed quarries and mines.
 - Coordination of specialist consultant teams.
 - Provision of expert witness and project management/reviews.
 - Co-Author, Exploration Guidelines for NSW Minerals Council.
 - NSW Minerals Council representative on the REM Legacy Mines Program Steering Committee
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May 1980 to Oct 1980 *Senior Consultant, James B. Croft & Associates, Newcastle*

Preparation of Environmental Impact Statements for coal mining and industrial projects; Evaluation of mineral resources.

Jan 1974 to May 1980 *Geologist, Geological Survey of New South Wales, Department of Mineral Resources, Sydney*

- Geological mapping and mineral resource assessment (predominantly construction materials and industrial minerals).
 - Monitoring and Investigation of environmental problems around coal and metalliferous mines throughout New South Wales.
 - Assessment of geological constraints upon urban development.
 - Geological aspects for waste disposal.
 - Assessment of Environmental Impact Statements for Mining Projects.
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Mar 1970 to Dec 1973 *Cadet Geologist, Geological Survey NSW, Department of Mines, Sydney*

- Field Assistance
 - Research
 - Counter Inquiries
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