

APPENDIX A2

CONTRIBUTING AUTHORS

ANGAS PROCESSING FACILITY

MISCELLANEOUS PURPOSES LICENSE APPLICATION

2019/0826



ABN | 67 062 576 238

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Eric Whittaker	Terramin	Principal Resource Geologist
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Person	Company	Role/Responsibility
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Andrew Woidt	Resource & Environmental Projects	Principal Consultant

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Appendix B4 – AZM Buried Services Layout	B Grigsby	Abesque Engineering and Construction Ltd.
Appendix C1 - Community Engagement Plan	Martin Janes	Terramin
Appendix C2 - SCCC Terms of Reference 2015	SCCC	Terms of Reference Sub-Committee
Appendix C3 - Community Information Posters	Terramin	Terramin
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Appendix C4 – Community Technical Workshop for the Proposed Angas Processing Facility	Joe Ranford	Terramin
Appendix D1 – Draft Outcomes, Outcome Measurable Criteria and Leading Indicator Criteria	Terramin	Terramin
Appendix E1 - Impact Assessment	Various	Various
Appendix F1 - Transport Assessment	Sharon Billinger	Tonkin Consulting

Appendix H1 - TSF Groundwater Quality Data Summary	Terramin	Terramin
Appendix H2 - AGT GW Modelling for Mine Closure	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix H3 - Groundwater model recalibration 2015	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix H4 - AZM Closure Phase Groundwater Investigation	Katy Fechner	Terramin
Appendix H5 - Groundwater Response for Mine Void Management Plan	Terramin	Terramin
Appendix H12 - Groundwater Summary Report for AZM Closure and Completion Plan	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix H7 - Groundwater Report 2011	Don Armstrong	Australian Groundwater Technologies Pty Ltd
Appendix H8 - Groundwater Report 2012	Don Armstrong	Australian Groundwater Technologies Pty Ltd
Appendix H9 - Failure modes and Effects Analysis Workshop Outcome Table	Terramin	Terramin
Appendix H10 - Lagoon Leakage Assessment 2006	Rick Aldam	AWE Projects
Appendix H11 – Summary of Pumping Trial and Dewatering Analysis	Rick Aldam	AWE Projects
Appendix H12 – Groundwater Study and Mine Site Water Balance 2007	Australian Groundwater Technologies Pty Ltd	Australian Groundwater Technologies Pty Ltd
Appendix H13 – AGT GW Modelling for Mine Closure	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix H14 – Groundwater Geochemistry Modelling Update 2015	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix H15 – Well details lithology and cross sections	Aidan Moyses	Australian Groundwater Technologies Pty Ltd
Appendix I1 - AZM Soils Erodibility Assessment	Dylan Jack Edwards	University of Adelaide
Appendix I2 – Preliminary Tailings and Water Management Study	Behrooz G Nejad	ATC Williams Pty Ltd
Appendix I3 – TSF Operations and Maintenance Manual Version 2	Behrooz G Nejad	ATC Williams Pty Ltd
Appendix K1 - APF Site Water Management	Matthew Makestas	AECOM Australia Pty Ltd
Appendix L1 - Soil Contamination Baseline Study Report	Glenn Passfield Attila Gaal	Tonkin Consulting
Appendix L2 – Exploration Drill hole Rehabilitation Status	Terramin	Terramin
Appendix L3 – Soil Contamination Test Work	Terramin	Terramin
Appendix L4 - Erosion on the site Post Closure (Letter)	Andrew Piggitt	URS Australia Pty Ltd
Appendix L5 - Sub-soil Analysis	Terramin	Terramin
Appendix M1 – TSF Wall Geotechnical Investigation	Philip Stacey	URS Australia Pty Ltd
Appendix M2 – Preliminary ARD Assessment of Strathalbyn Zinc Project 2006	Warwick Stewart	Environmental Geochemistry International
Appendix M3 – Tailings X-Ray Diffraction and Analysis 2012	Dr. John Scheirs	ExcelPlas Pty Limited
Appendix M4 – Geochemical and Numerical Groundwater Assessment	Jason van den Akker	Australian Groundwater Technologies Pty Ltd
Appendix M5 - ARD Management Review of Mine	Environmental	Environmental Geochemistry

Materials 2009	Geochemistry International	International
Appendix M6 – TSF Laboratory Testing of Tailings 2010	Behrooz G Nejad	ATC Williams Pty Ltd
Appendix M7 - Terramin BIH Project Tailings Geochemistry Assessment	Dr Tony Jong	AECOM Australia Pty Ltd
Appendix M8 – Characterisation of Tailings and TSF Soil – Update 2005	John Jeffery	Environmental Geochemistry International
Appendix M9 - Stability of TSF Embankment	Keith Seddon	Australian Tailings Consultants
Appendix M10 - PIRSA Guidelines for the Management of Acid Mine Drainage at Angas Zinc Project 2006	Primary Industries and Resources SA	Government of South Australia
Appendix M11 - TSF Seismicity Assessment 2006	Dee Ninis	Seismology Research Centre Environmental Systems & Services
Appendix M12 - Annual TSF Surveillance Report 2018	Rachael Costa	ATC Williams Pty Ltd
Appendix M13 – Geotechnical Investigation for AZM Processing Plant 2005	Andrew Proudman	Golder Associates
Appendix M14 – Phreatic Seepage Report	Behrooz G Nejad	Australian Tailings Consultants
Appendix N1 - Map of clean zone and dirty zone	Katy Fechner	Terramin
Appendix N2 - Dust Deposition Limit Determination 2012	John Hodgson	AECOM Australia Pty Ltd
Appendix N3 - Angas Zinc Mine - Bird in Hand Ore Processing - Air Quality Impact Assessment 2018	Julian Ward	AECOM Australia Pty Ltd
Appendix N4 – Dust baseline Study 2006	Chris Purton, Johan Torringier	Tonkin Consulting
Appendix N5 – Odour Investigation 2008	Johan Torringier	Tonkin Consulting
Appendix O1 - Angas Processing Facility Acoustic Report 2017	Simon Moore	WSP
Appendix O2 - AZM Environmental Noise Assessment 2006	Jonathon Cooper	Bassett Acoustics
Appendix P1 - Baseline Fauna Assessments 2005 and 2006	D. B Donato	Donato Environmental Services
Appendix P2 - EPBC Act Referral decision	Alex Rankin	Department of the Environment and Heritage, Commonwealth of Australia
Appendix P3 - AZM Landscape Function Analysis 2017	Kate Grundy	Cooe Pty Ltd
Appendix Q1 - Baseline Vegetation Data 2005	Matt Rose	Natural State
Appendix Q2 - Operational Revegetation Plan	Terramin	Terramin
Appendix Q3 – Eastern Paddock SEB Revegetation Plan 2013	Terramin	Terramin
Appendix Q4 – Strathalbyn ML Flora Assessment 2011	T Brown	EBS Ecology
Appendix Q5 – Operational and Rehabilitation Phase Environment Monitoring Plan	Terramin	Terramin
Appendix Q6 - Weed and Pest Management Plan 2010	Anna Waller	Cooe Pty Ltd
Appendix Q7 – Weed and Pest Plan – Post Rehabilitation Earthwork	Terramin	Terramin
Appendix R1 - Economic Impact Assessment	Barry Burgan	Economic Research Consultants
Appendix R2 - Economic Impact Assessment Peer Review	Jim Hancock	The South Australian Centre for Economic Studies, University of Adelaide

Appendix S1 - Mining Lease Conditions Relevant to Closure and Post Closure	Terramin	Terramin
Appendix S2 - Sub-soil Analysis	Terramin	Terramin
Appendix S3 - Topsoil Analysis (2011-14)	Terramin	Terramin
Appendix S4 - AHR Letter Agreement	Fernando D'Apollonio	Adelaide Hills Recycling
Appendix S5 - Final Closure Landform Design Drawings	AECOM Australia Pty Ltd	AECOM Australia Pty Ltd
Appendix S6 - TSF CAP Final Report	Michael Jorgensen	AECOM Services Pty Ltd
Appendix S7 – Mine Tailing – Phytocap Vadose Modelling Memo	Andrew Piggin	URS Australia Pty Ltd
Appendix S8 - TSF Wall Geotechnical Report	Philip Stacey	URS Australia Pty Ltd
Appendix S9 - TSF Cap Options	Michael Jorgensen	URS Australia Pty Ltd
Appendix S10 - TSF Cap Post Construction Monitoring Plan for TSF capping	Cip Wingrove	AECOM Services Pty Ltd
Appendix S11 - Groundwater Monitoring and Response Plan	Terramin	Terramin
Appendix S12 - Geochemical and numerical groundwater assessment for the AZM MCP	Jason Van Den Akker	Australian Groundwater Technologies Pty Ltd
Appendix S13 - Land Function Analysis Transect Locations for Closure	Terramin	Terramin
Appendix S14 - AZM Soils Erodibility Assessment	Dylan Jack Edwards	University of Adelaide
Appendix S15 - Landfill Environmental Management Plan	Terramin	Terramin
Appendix S16 - Land management Agreement Draft	Norman Waterhouse Lawyers	Norman Waterhouse Lawyers
Appendix S17 - Landfill Trial Cap Presentation	Terramin	Terramin
Appendix S18 - Tailings Storage Facility Vegetation Capping Trials	Joe Mifsud	Cooe Pty Ltd
Appendix T1 - Notes on Indigenous Heritage of the Mt Lofty Ranges 2015	Neal Draper	Australian Cultural Heritage Management
Appendix T2 - DSDAAR Heritage Site Search Results 2018	Perry Langeberg	Aboriginal Affairs and Reconciliation, Department of the Premier and Cabinet, (South Australia)
Appendix U1 - Easements on the MPL	Terramin	Terramin
Appendix V1 - Gold Recovery Assessment of BIH composites (ALS) 2017	J R Glen	ALS Metallurgy
Appendix V2 - Bird in Hand Processing (Mineralurgy) 2017	P. D Munro	Mineralurgy Pty Ltd
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Appendix V4 - carbon sequestration	Trevor Hobbs	Department of Environment, Water and Natural Resources
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