



Altech Chemicals
Limited

QUARTERLY REPORT

March 2015

Altech appoints BFS partners and key suppliers for HPA operation

- Seatram appointed as Altech's transport and logistics services provider
- M + W Group appointed as the EPCM partner to facilitate transition from BFS to construction
- Tialoc Group (formerly Atea) appointed as composites supplier for Altech's Malaysian HPA plant
- Castle Group as mining and processing partner for Altech's Meckering aluminous clay operation

Malaysian subsidiary incorporated for HPA project

- Incorporation of wholly-owned Malaysian subsidiary 'Altech Chemicals Sdn Bhd' on January 6, 2015 to support Altech's Malaysian-based activities

Altech produces competitive HPA results

- Analysis of Altech's HPA samples confirmed lower levels of impurities compared to other HPA competitors
- Results of test work incorporated into process design for further optimisation

Change of Registered Address

- New registered office address:
Suite 8, 295 Rokeby Rd, Subiaco, WA 6008

Altech secures partner to fund bulk kaolin study

- Altech signed MOU with Dana Shipping to fund ~\$100,000 bulk kaolin scoping study
- MOU provides a First Option over 10Mt of kaolin for a \$1m share placement and 2% gross sales royalty
- Second Option for a further 10Mt of kaolin, for an additional \$1m share placement and 2% gross sales royalty

\$815,000 received from R&D advance loan facility

- Advance of \$815k provides immediate funds equivalent to forecast R&D tax rebate for 2014/2015 year
- Funds will allow Altech to accelerate its BFS and ongoing R&D activities

Shareholder update

- Shareholders were invited to attend an Altech presentation by managing director Mr Iggy Tan on Wednesday 1 April, 2015
- Iggy Tan discussed how the Company could benefit from new electronic products incorporating artificial sapphire such as the Apple Watch

Altech commences permitting process for HPA plant in Malaysia

- First stage of process involves the Preliminary Site Assessment (PAT)
- Altech's HPA plant is designed to meet both international and Malaysian standards

Malaysian subsidiary incorporated for HPA project

During the quarter Altech incorporated a wholly-owned Malaysian subsidiary company. 'Altech Chemicals Sdn Bhd' was formally incorporated on 6 January, 2015. The move followed the Company's strategic decision to select Johor Bahru, Malaysia, as the preferred location for its proposed HPA processing plant.

The incorporation of Altech's Malaysian subsidiary represented a significant first step in the Company establishing its presence in Malaysia. It will enable the Company to advance the required documentation associated with the construction and operation of its proposed HPA processing plant, and will allow the Company to make submissions to the Malaysian Investment Development Authority (MIDA) for various investment and tax incentives that may be available to the HPA project.

Shipping distance from Perth WA to Johor Bahru, Malaysia (approximate)



Altech appoints Seatram as its transport and logistics services provider

During the quarter Altech executed a Memorandum of Understanding (MOU) to appoint Sea Transport Management (W.A.) (Seatram) as the exclusive transport and logistic services provider for the Company's HPA operation.

Seatram is a leading international freight forwarder and logistics provider based in Perth, Western Australia, and under the terms of the MOU Seatram will provide the end-to-end transport and logistics for Altech's proposed HPA processing plant to be located in Johor Bahru, Malaysia. Seatram will initially design and then provide both the transportation and logistics associated with moving approximately 18,565tpa of beneficiated aluminous clay feedstock from the Company's Meckering deposit in Western Australia to the HPA plant in Malaysia. In addition, Seatram will provide the international transportation and logistics for the distribution of the finished HPA product from Johor Bahru to a global customer-base.



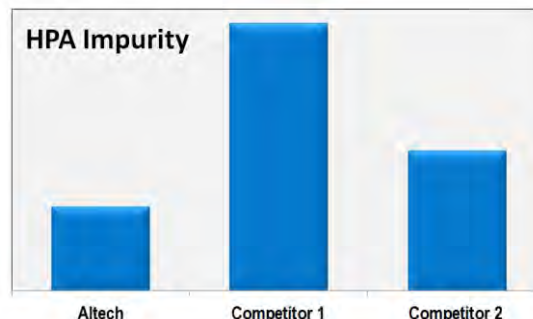
Altech's aluminous clay will be shipped in "bulka bags" as per the proposed design

Altech produces competitive high purity alumina (HPA) results

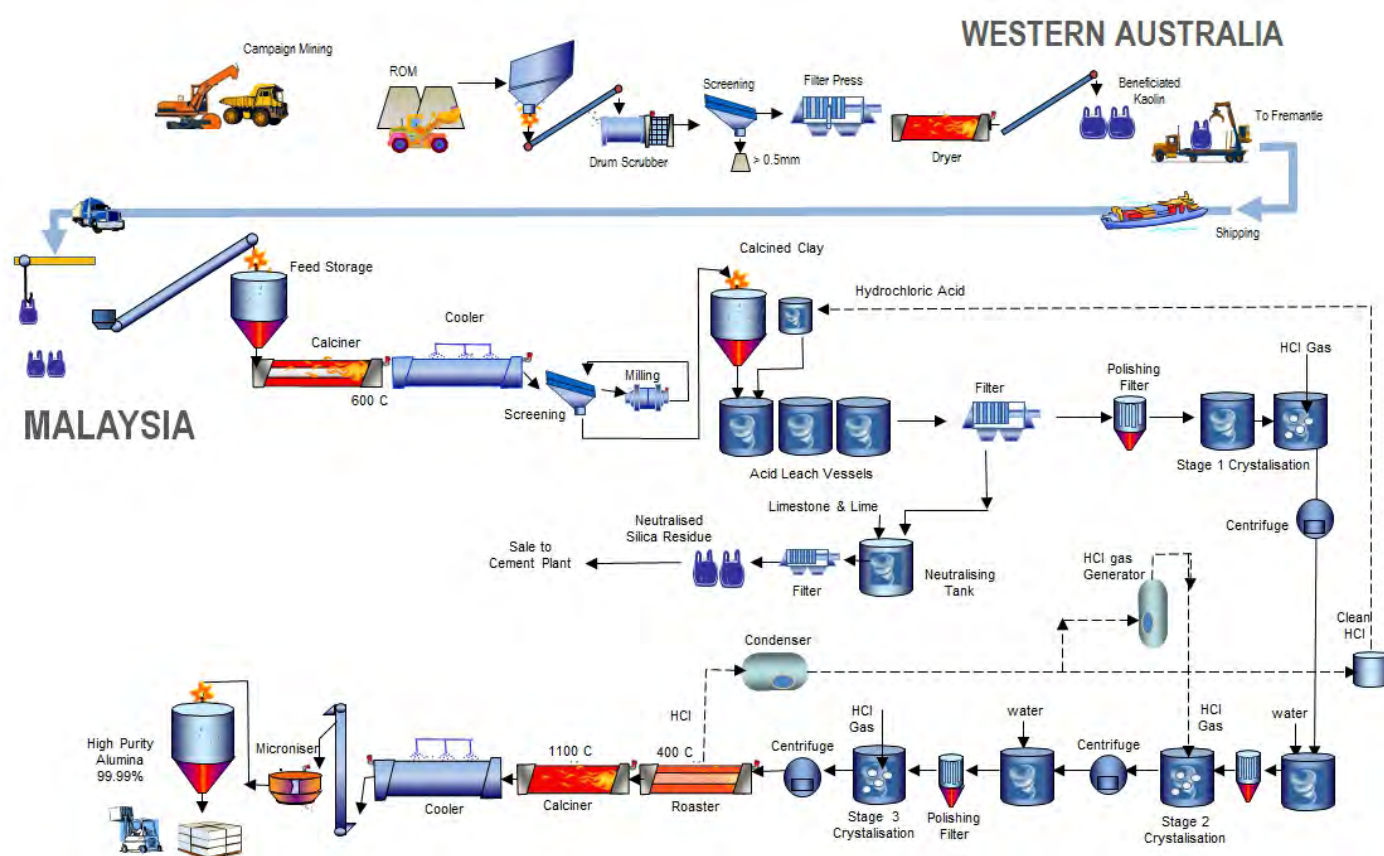
As part of its Bankable Feasibility Study (BFS) for its HPA project, Altech successfully completed a further series of laboratory pilot plant test work programs (test work), which simulated the proposed HPA processing plant.

The test work involved bulk wet processing of the Meckering aluminous clay, calcination, acid leaching, crystallisation of aluminium chloride, two stages of purification, roasting for acid recovery, and final calcination to produce HPA.

HPA samples produced from the test work and competitor samples were tested by TSW Analytical. The results confirmed the quality of Altech's HPA product as better when compared to other HPA samples obtained from leading competitors (refer to the graph to the right).



The Company has incorporated the successful test work results into the optimisation of its process design. The optimisation areas include the removal of ion exchange units at the purification stages, replacement of evaporative crystallisation and counter current washing of aluminium chloride crystals across the three stages of crystallisation. Removing these units from the process flowsheet has indicated a significant reduction of capital costs as well as further simplification of the HPA plant.



Altech's HPA flowsheet

Altech secures partner to fund bulk kaolin study

During the quarter the Company signed a Memorandum of Understanding (MOU) with Dana Shipping and Trading S.A. (Dana) to fund a scoping study to assess the commercial viability of mining and processing bulk kaolin from the Company's Meckering kaolin (or aluminous clay) deposit. Bulk kaolin is predominantly used in the ceramics, paper, rubber and paint industries. The cost of the study is estimated at around \$100,000.



In return for conducting the study, Altech granted Dana until 30 September 2015 to which it can exercise the exclusive right to mine up to 10Mt of kaolin from the Company's Meckering deposit (First Option). On exercise of the option, Dana will be required to subscribe to \$1,000,000 of Altech fully paid ordinary shares, to be priced at a 10% premium to the volume weighted average price of the shares as traded on the ASX in the 120 calendar days prior to the option exercise date, and pay the Company a 2% gross sales royalty on all future bulk kaolin sales.

In the event Dana exercises its First Option, Altech will grant Dana a second option (Second Option) to mine an additional 10Mt of kaolin from the Meckering deposit. The Second Option is exercisable within 3 months from the date of the first sale of commercial bulk kaolin from the Meckering deposit, and if the Second Option is exercised Dana must subscribe to an additional \$1,000,000 of Altech fully paid ordinary shares, to be priced at a 10% premium to the volume weighted average price of the shares as traded on the ASX in the 120 calendar days prior to the option exercise date, and continue to pay a 2% gross sales royalty on all bulk kaolin sales.

Dana is an Athens-based global shipping company with a focus on dry cargo operations, working with a diversified suite of dry bulk commodities such as coal, iron ore, grains and minor bulks across all dry bulk vessel sizes.



Altech appoints M+W as EPCM partner

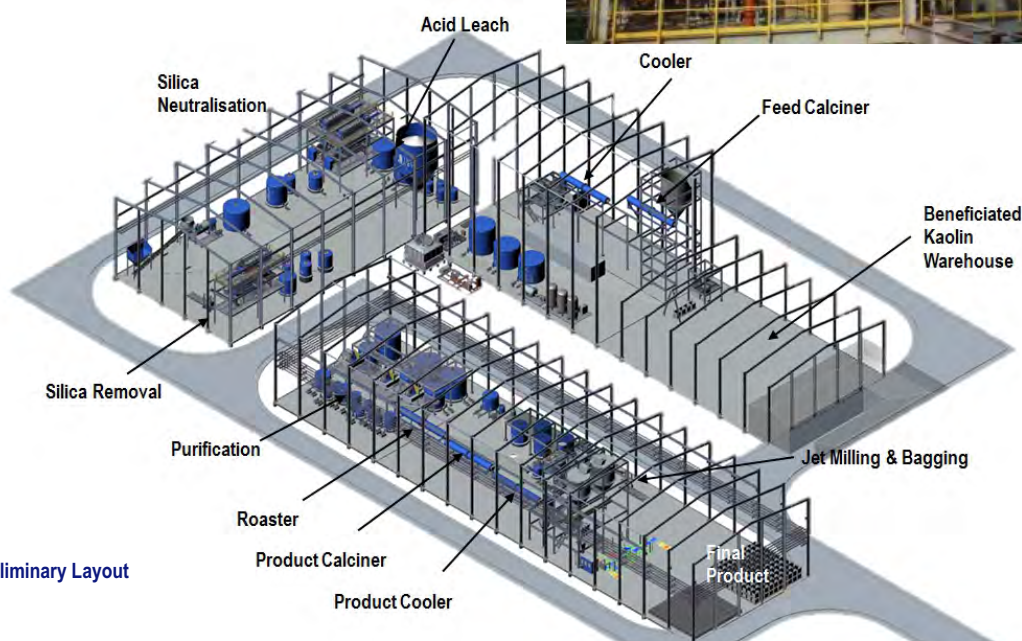
During the quarter Altech appointed M+W Group as its Engineering, Procurement, Construction and Management (EPCM) partner, following its decision to select Johor Bahru (Malaysia) as the preferred location for its HPA processing plant. M+W Group brings a vast knowledge of the Malaysian construction environment, conditions, regulations, and design requirements; Altech's BFS team will merge with M+W Group to facilitate more informed design decisions during Altech's BFS. The Company anticipates that this strategy will ease the transition into the final detailed design, long lead item procurement and the commencement of construction following the completion of the BFS.

Altech appoints Tialoc as its composite supply partner

Altech appointed Tialoc Group (formerly known as Atea Environmental Group) as its partner for the supply of dual-laminate anti-corrosive composite plant and equipment for the its proposed HPA processing plant. Dual-laminate composite materials are highly specialised fluoro-plastics that can withstand hydrochloric acid duty at elevated temperature. The plant and equipment to be supplied by Tialoc will include specially fabricated vessels, tanks, process equipment and piping/fittings for heavy-duty applications in the acid leaching, crystallisation and purification areas of Altech's HPA plant.

Tialoc is a leader in thermoplastics and fibre re-enforced plastic (FRP) materials in Asia. The group's Malaysian production facility, established in 2004, is located near Kulim High-Tech Park, close to George Town, Penang, Malaysia.

Recent Tialoc project - mineral processing plant in Malaysia



Altech's HPA Plant Preliminary Layout
(Malaysia location)

Altech appoints Castle Group as its mining and processing partner

Subsequent to quarter end Altech signed a MOU with mining services company, Castle Equipment Pty Ltd (Castle), appointing it as mining contractor and processing plant operator for its Meckering aluminous clay (kaolin) deposit. Castle is an experienced mining industry services provider offering a range of mining, crushing and equipment hire services to the WA mining industry.

Altech is planning to campaign mine approximately 145,000t of Meckering aluminous clay (kaolin) at 3 to 4 year intervals to provide feedstock for its proposed 4,000tpa HPA processing plant, which is the subject of its pending BFS (scheduled for completion in Q3 2015).

Beneficiation will consist of simple wet processing to remove oversize silica, followed by drying to reduce moisture content for shipment. The upgraded kaolin will be packed into “bulka bags” for shipment to Malaysia via the port of Fremantle, Western Australia. The Meckering plant has been designed to produce approximately 18,565tpa of beneficiated kaolin per annum at full capacity.

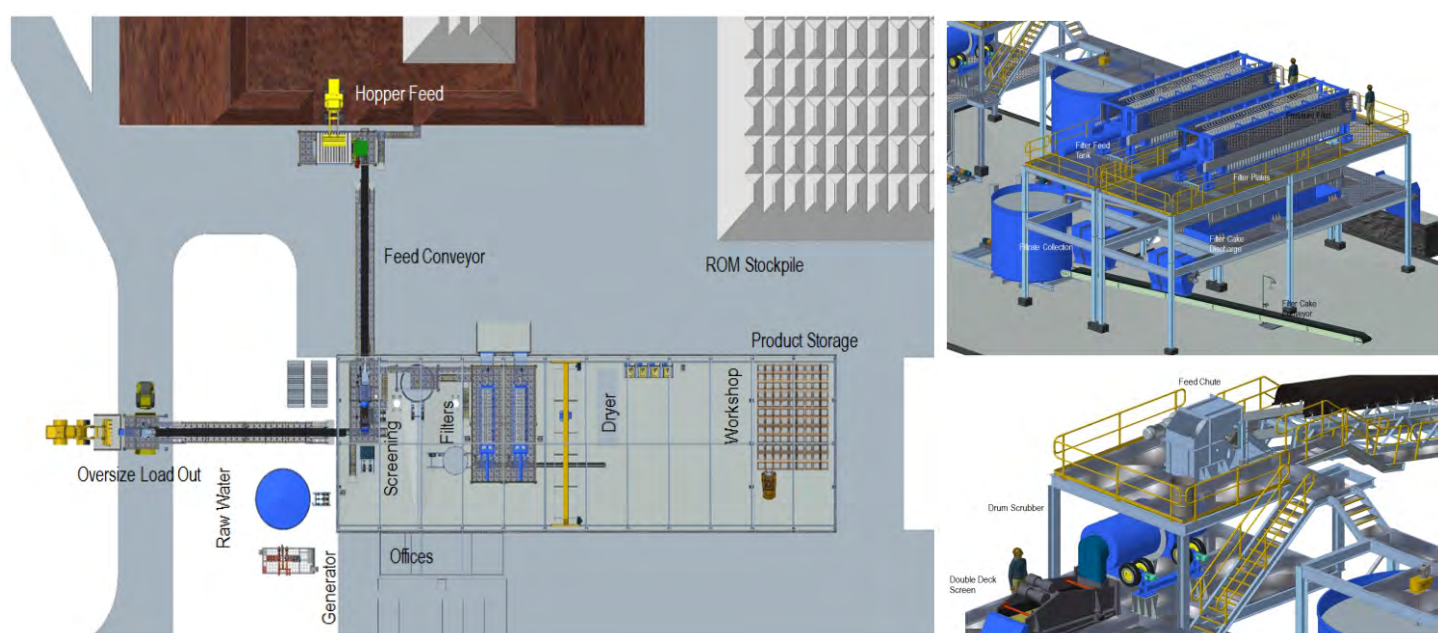
Altech commences permitting process for HPA plant in Malaysia

Subsequent to quarter end Altech reported it had commenced the permitting process for its HPA processing plant proposed to be located in the Tanjung Langsat Industrial Park, Johor Bahru, Malaysia. The Company submitted a Preliminary Site Assessment (colloquially referred to as a ‘PAT’), to the Department of Environment, Malaysia, which is the first stage of Malaysia’s approvals process for the project.

Altech’s proposed HPA plant has been designed to meet international environmental standards as well as the standards of the Malaysian Environmental Quality Act (EQA) 1974. Specifically, Altech has designed its plant to ensure that all off gasses that vent to exhaust stacks meet Malaysian environmental emission limits and that any discharges vented to the atmosphere pass through appropriate dust removal systems such as bag-houses or electrostatic separators.

Solid residue from the plant will predominantly be in the form of neutralised benign silica, which will be made available to local brickworks or cement plants. A local environmental consultant Daya Eco Techno Sdn Bhd (Daya) is retained by Altech to assist the Company in complying with Malaysian approvals processes.

Altech’s HPA Plant Preliminary Layout (Meckering location)



Quarterly Report

March 2015

Shareholder update

Shareholders were invited to attend an Altech presentation by managing director Mr Iggy Tan on Wednesday 1 April, 2015. Iggy Tan discussed how the Company could benefit from new electronic products incorporating artificial sapphire such as the Apple Watch.

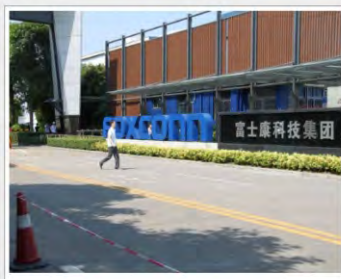


In the media

According to Focus Taiwan News, Foxconn Technology Group (a major supplier of Apple inc.) is making sapphire displays for iPhones.

New Foxconn plant reported to make sapphire displays for iPhones

2014/11/25 22:54:27



Taipei, Nov. 25 (CNA) Taiwan's Foxconn Technology Group, a major supplier of Apple Inc.'s iPhones and iPads, has decided to build a new factory in China to produce sapphire displays for next-generation iPhones, according to a Chinese media report.

Corporate activities

Altech receives \$815,000 from R&D advance loan facility

During the quarter Altech entered into a short-term debt-based instrument that provides immediate funds equivalent to the Company's forecast R&D tax incentive offset for the 2014/2015 year. The advance of \$815,000 from Platinum Road was based on the R&D rebate being received in October 2015. The upfront funds will allow Altech to accelerate its BFS and ongoing R&D activities for its HPA project.

General meeting 18 March 2015

A general meeting was held on 18 March, 2015 – all resolutions were passed by the required majority as detailed in the announcement ([click to review](#)).

Mineral sands joint venture terminated

A Farm-in and Joint Venture Agreement (JVA) with Midas Engineering Group Pty Ltd (Midas) for Altech's South West Titanium Project (formerly the Glenarty Mineral Sands Project) was terminated during the March quarter. Based on the impact of the economic climate, Midas withdrew from the JVA effective 25 March 2015.

Apple Watch with artificial sapphire glass





Altech Chemicals Limited

Company Snapshot

Altech Chemicals Limited (ASX:ATC)
ABN 45 125 301 206

FINANCIAL INFORMATION (as at 31 March 2015)

Share Price:	\$0.069
Shares:	112m
Listed Options:	25.5m
Unlisted Options:	14.1m
Performance Rights*:	20.4m
Market Cap:	\$7.7m
Cash:	\$1.3m

DIRECTORS:

LUKE ATKINS LLB
Chairman

IGGY TAN B.Sc MBA GAICD
Managing Director

PETER BAILEY B.Sc(Hons) Elect.Eng MIEE C.Eng
Non-executive Director

DAN TENARDI
Non-executive Director

SHANE VOLK
BBus (ACC) GradDip (ACG) CSA
Company Secretary & CFO

ADDRESS:
Suite 8, 295 Rokeby Road,
Subiaco, Western Australia, 6008

T: +61 8 9389 5557
F: +61 8 9389 5510

* Subject to vesting conditions

Change of registered address

During the quarter Altech announced details of its new registered office and principal place of business. As of 16 February 2015, Altech's new address (and postal address) became:

Suite 8, 295 Rokeby Road, Subiaco WA 6008

Schedule of tenements

As per Listing Rule 5.3.3, Altech Chemicals held the following tenements (exploration and mining leases) as at 31 March 2015:

Tenement ID	Location	Project	Grant Date	Interest - start of quarter	Interest - end of quarter
EPM16620	QLD, Australia	Constance Range	4/11/2008	100%	0%
EPM17919	QLD, Australia	Constance Range	28/02/2011	100%	100%
EPM18375	QLD, Australia	Constance Range	27/04/2012	100%	100%
EPM19772	QLD, Australia	Constance Range	Application	100%	0%
EPM19773	WA, Australia	Constance Range	11/02/2013	100%	0%
E70/4630	WA, Australia	Donnelly Graphite	Application	100%	0%
E45/4067	WA, Australia	East Pilbara	Application	100%	0%
E70/4657	WA, Australia	Green Range	Application	100%	0%
E70/4654	WA, Australia	Green Range	Application	100%	0%
E70/4706	WA, Australia	Green Range	Application	0%	100%
E70/4707	WA, Australia	Green Range	Application	0%	100%
E70/4658	WA, Australia	Kerrigan	Application	100%	100%
E70/4669	WA, Australia	Kerrigan	Application	100%	100%
EPM18030	QLD, Australia	May Town	Application	100%	0%
E70/3923	WA, Australia	Meckering	26/11/2010	100%	100%
E70/4659	WA, Australia	Meckering	Application	100%	100%
E70/4668	WA, Australia	Meckering	Application	100%	100%
E70/4655	WA, Australia	Meckering	Application	100%	0%
E70/4708	WA, Australia	Meckering	Application	0%	100%
M70/1334	WA, Australia	Meckering	Application	100%	100%
E70/4341	WA, Australia	SW Titanium	16/01/2013	100%	100%
E70/4643	WA, Australia	SW Titanium	25/03/2015	100%	100%
E77/1770	WA, Australia	Koolyanobbing	08/11/2010	100%	0%

COMPETENT PERSON STATEMENT

Technical information in this report is based on information compiled by Mr Michael O'Mara, B.Sc. Geology, Altech Chief Geologist and a member of the Australasian Institute of Geoscientists. Mr O'Mara has sufficient exploration experience, which is relevant to the styles of mineralisation and types of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC 2004"). Mr O'Mara consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

FORWARD-LOOKING STATEMENTS

This announcement contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future events and actions that, while considered reasonable as at the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of our Company, the Directors and management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed or anticipated in these statements.

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8 Amended 1/7/97, 1/7/98, 30/9/2001, 01/06/10, 01/05/2013

Name of entity

ALTECH CHEMICALS LIMITED

ABN

45 125 301 206

Quarter ended ("current quarter")

31 March, 2015

Consolidated statement of cash flows

		Current quarter \$A'000	Year to date (9 months) \$A'000
Cash flows related to operating activities			
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for (a) exploration and evaluation	(40)	(188)
	(b) development	(564)	(1,401)
	(c) production	-	-
	(d) administration	(209)	(488)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	13	31
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and Development Tax Rebate	-	462
	Net Operating Cash Flows	(800)	(1,584)
Cash flows related to investing activities			
1.8	Payment for purchases of:		
	(a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	(16)	(28)
1.9	Proceeds from sale of:		
	(a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	5
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Disposal of fixed assets	-	-
	Net investing cash flows	(16)	(23)
1.13	Total operating and investing cash flows (carried forward)	(816)	(1,607)

+ See chapter 19 for defined terms.

1.13	Total operating and investing cash flows (brought forward)	(816)	(1,607)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	192	403
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	765	765
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Other - payment of finance lease	-	-
1.19	Other - share issue costs	-	(30)
	Net financing cash flows	957	1,138
1.20	Net increase (decrease) in cash held	141	(469)
1.21			
1.22	Cash at beginning of quarter/year to date	1,174	1,784
	Exchange rate adjustments to item 1.20		-
	Cash at end of quarter	1,315	1,315

Payments to directors of the entity and associates of the directors

Payments to related entities of the entity and associates of related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	173
1.24	Aggregate amount of payments to the parties included in item 1.10	-

1.25 Explanation necessary for an understanding of the transactions

Directors remuneration

Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

Financing facilities available

Add notes as necessary for an understanding of the position.

	Amount Available \$A'000	Amount Used \$A'000
3.1 Loan facilities	-	-
3.2 Credit standby arrangements	-	-

Estimated cash outflows for next quarter

	\$A'000
4.1 Exploration and Evaluation	40
4.2 Development	400
4.3 Production	-
4.4 Administration	160
Total	600

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts as follows.

	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	806	674
5.2 Deposits at call	508	500
5.3 Bank overdraft		
5.4 Other (provide details)		
Total: cash at end of quarter (item 1.22)	1,315	1,174

Changes in interest in mining tenements and petroleum tenements

	Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1 Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed	EPM16620	direct	100%	0%
	EPM19772 (application)	direct	100%	0%
	EPM19773	direct	100%	0%
	E70/4630 (application)	direct	100%	0%
	E45/4067 (application)	direct	100%	0%
	E70/4657 (application)	direct	100%	0%
	E70/4654 (application)	direct	100%	0%
	EPM18030 (application)	direct	100%	0%
	E70/4655 (application)	direct	100%	0%
6.2 Interests in mining tenements and petroleum tenements acquired or increased	E77/1770	direct	100%	0%
	E70/4706 (application)	direct	0%	100%
	E70/4707 (application)	direct	0%	100%
	E70/4708 (application)	direct	0%	100%

+ See chapter 19 for defined terms.

Issues and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

	Total number	Number quoted	Issue price per security	Amount paid up per security
7.1 Partly paid ⁺securities				
7.2 Changes during quarter				
(a) Increases through issues				
(b) Decreases through returns of capital, buy-backs, redemptions				
7.3 ⁺Ordinary securities	112,013,117	112,013,117		Fully paid
7.4 Changes during quarter				
(a) Increases through issues	476,880	476,880		Fully paid
(b) Decreases through returns of capital, buy-backs				
7.5 ⁺Convertible debt securities (description)				
7.6 Changes during quarter				
(a) Increases through issues				
(b) Decreases through securities matured, converted				
7.7 Options				
	21,465,000	21,465,000	Ex. price \$0.20	Expiry date 31-05-15
	4,027,735	4,027,735	Ex. price \$0.10	Expiry date 15-12-15
	8,000,000	-	Ex. price \$0.20	Expiry date 31-05-15
	2,500,000	-	Ex. price \$0.10	Expiry date 30-06-16
	1,000,000	-	Ex. price \$0.20	Expiry date 18-12-17
	1,000,000	-	Ex. price \$0.25	Expiry date 18-12-17
	1,000,000	-	Ex. price \$0.30	Expiry date 18-12-17
	600,000	-	Ex. price \$0.20	Expiry date 31-01-17
Employee Performance Rights	157,700	-	Nil Ex. price	Expiry date 31-12-17
MD Performance Rights	15,000,000	-	Nil Ex. price	Expiry date 19-11-22
NED Performance Rights	5,250,000	-	Nil Ex. price	Expiry date 18-03-20
7.8 Issued during quarter				
	250,000	250,000	Ex. price \$0.10	Expiry date 15-12-15
	2,500,000	-	Ex. price \$0.10	Expiry date 30-06-16
NED Performance Rights	5,250,000	-	Nil Ex price	Expiry date 18-03-20

⁺ See chapter 19 for defined terms.

Mining exploration entity and oil and gas exploration entity quarterly report

7.9	Exercised during quarter Employee Performance Rights	226,880	-	Nil Exercise price	Vesting conditions attained
7.10	Expired during quarter	500,000	-	Ex. price \$0.20	
		333,333	-	Ex. price \$0.30	
		200,000	-	Ex. price \$0.25	
7.11	Debentures (totals only)				
7.12	Unsecured notes (totals only)				

Compliance Statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to the ASX (see note 5).
- 2 This statement does ~~does not~~ give a true and fair view of the matters disclosed.

Sign here:



Dated: 30 April, 2015

Print Name: Shane Volk
(~~Director~~/Company Secretary)

Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements and petroleum tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement or petroleum tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, AASB 6: *Exploration for and Evaluation of Mineral Resources* and AASB 107: *Statement of Cash Flows* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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+ See chapter 19 for defined terms.