



MARKET RELEASE

7 December 2009

Nanosonics Limited

TRADING HALT

The securities of Nanosonics Limited (the "Company") will be placed in pre-open at the request of the Company, pending the release of an announcement by the Company. Unless ASX decides otherwise, the securities will remain in pre-open until the earlier of the commencement of normal trading on Wednesday, 9 December 2009 or when the announcement is released to the market.

Security Code: NAN

Emma Badhni
Senior Adviser, Issuers (Sydney)

7th December 2009

Australian Securities Exchange
Exchange Centre
20 Bridge Street
SYDNEY NSW 2000

Attention: Ms Emma Badhni
Senior Adviser

Request for Trading Halt - Nanosonics Limited

In accordance with Listing Rule 17.1, Nanosonics Limited requests a trading halt in its ordinary securities listed on the ASX from the commencement of trading on Monday 7th December 2009.

Nanosonics advises the following as required under Listing Rule 17.1:

1. Nanosonics proposes to make an announcement to the market in relation to a possible material capital raising, comprising placement of shares and a share purchase plan.
2. After trading has been halted, presentations will be made to brokers handling the placement and their clients. Once finalised, the results of the placement, together with the information presented to investors, will be announced to the ASX.
3. Nanosonics wishes the trading halt to end when the announcements of the placement have been released – which is expected to be before the commencement of normal trading on Tuesday 8th December 2009.
4. Nanosonics is not aware of any reason why the trading halt should not be granted.
5. Nanosonics is not aware of any other information that is necessary to inform the market about the trading halt.

Please contact me if you have any queries.

A handwritten signature in purple ink, appearing to read "Chris Grundy", with a stylized flourish at the end.

Chris Grundy
Company Secretary
Nanosonics Limited

For more information please contact Chris Grundy, Chief Financial Officer and Company Secretary, on 61-2-8063 1600.

About Nanosonics

Nanosonics Limited is developing a portfolio of decontamination products designed to reduce the spread of infection. The Company owns intellectual property relating to a unique disinfection and sterilisation technology which can be suited to a variety of markets.

Initial market applications are designed for the reprocessing of reusable medical instruments. The Company's first product is designed to disinfect Ultrasound Transducers. In parallel with the commercialisation of this product, Nanosonics is also developing other medical applications and exploring opportunities for its proprietary technology in other industries.

For more information about Nanosonics please visit www.nanosonics.com.au