

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

New South Wales

Southern Cross University

LE0989952 Prof BD Eyre; A/Prof PL Harrison; Prof JK Vanclay; Dr L Davison; Dr ED Burton; Dr JM Oakes

Approved Project Title **A Continuous Flow-Wet Chemical Oxidation- Isotope Ratio Mass Spectrometer for Environmental Research**

2009 : \$ 220,000

Primary RFCD 2599 OTHER CHEMICAL SCIENCES

Partner Organisations & Collaborating Organisations

Southern Cross University

Administering Organisation Southern Cross University

Project Summary

The proposed Continuous Flow-Wet Chemical Oxidation- Isotope Ratio Mass Spectrometer (CF-WCO-IRMS) facility will be the first in Australia, and as such will allow ground-breaking research to be undertaken resulting in advances in a variety of fields. As such, this system will significantly enhance many core research programs at Southern Cross University and enhance our ability to deliver high quality research in the National Research Priority Area of An Environmentally Sustainable Australia with priority goals water- a critical resource, responding to climate change and variability, overcoming soil loss, salinity and acidity and sustainable use of Australia's biodiversity.