Economic & Environmental Life Cycle Costs of Buildings Discussion Paper

Project Summary – Water

PROJECT NAME: Sydney Airport

LOCATION: Sydney, Australia

DEVELOPER/CLIENT: Federal Airport Corporation

CONTACTS: Hudson Sweeting, NSW Department of Public Works and Services

DATE COMPLETED: Various projects completed November 93 to May 1994

PROJECT SIZE: Other: Total water and sewage charges of > \$700,000

PROJECT DESCRIPTION: Analysis of water system for various offices and facilities located at

Sydney Airport International and Domestic sectors.

ESTIMATED SAVINGS FROM

ENVIRONMENTAL DESIGN: Savings in excess of \$300,000 per year were achieved by re-negotiating

sewerage charges and installing on-demand controls for Urinal Cisterns.

NOTABLE

ENVIRONMENTAL DESIGN: Water audits examined the system operation and water usage. Water wastage

was identified and the solution reduced water consumption and related charges.