## St Georges Court Acoustic Report

The building has to be available 24/7. As a result the chillers should be in operation for the same period.

However the highest cooling loads are produced between 7.00 a.m. to 7.00 p.m. Monday to Friday inclusive.

The noise levels are as follows - actual maximum readings for existing chillers and predicted maximum readings for new chillers
<u>Monthly</u>

Jan	Feb	Mar	Apl	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
49	49	49	49	49	49	49	49	49	49	49	49	Existing Chillers
46	46	46	46	46	46	46	46	46	46	46	46	New Chillers

Please note when noise levels were tested on the roof at Midday in October 2008 the ambient level was found to be 49 dBa.

Daily noise levels

<u>Hourly</u>

24 to 1	2 to 3	4 to 5	6 to 7	8 to 9	10 to 11	12 to 13	14 to 15	16 to 17	18 to19	20 to 21	22 to23	
49	49	49	49	49	49	49	49	49	49	49	49	Existing Chillers
46	46	46	46	46	46	46	46	46	46	46	46	New Chillers