

# Property Services

## Carbon Statement

**Project Name**

Yearsley Swimming Pool Repairs and Refurbishment

### Description of Works

Recladding to the roof and walls with a composite insulated steel faced sheeting panel. This is to replace the cement fibre roof profiled sheets and steel wall panels which are life expired and have a poor thermal resistance. The new cladding will reduce energy loss through the structure by more than 60%

Replacement of the air handling plant in conjunction with the recladding. The new unit will be able to recover waste heat from the exhaust air, with a peak recovery rate of up to 70%

Renewal of the pumps and filter plant which has come to the end of life. The new units will occupy less space and be more efficient.

**Floor Area Existing**

1613

**Floor Area Proposed**

1613



### Existing Building CO<sup>2</sup> produced per annum

Heating	443	Tonne
Electricity	87	Tonne
<b>TOTAL</b>	<b>530</b>	

### Post works CO<sup>2</sup> produced per annum

Heating	213	Tonne
Electricity	87	Tonne
<b>TOTAL</b>	<b>300</b>	

### CO<sup>2</sup> Savings over the life of the building

**No of years:**

5

Heating	1150	Tonne
Electricity	0	Tonne

**TOTAL 1150**

The proposed capital investment of approximately £550k offers a revenue saving of £26k pa