

1685 - Hampton Waterworks - Unit Windows Assesment

**KARSLAKE**

**UNIT 1 - 61.9sqm**

4 new openable windows (side hung)

1.3m high window cill

1.3sqm x 4 = 5.4sqm

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 2 - 114.7sqm**

2 new windows

1.4m high window cill

.6sqm x 2 = 1.2sqm opening area (bedroom with no exterior opening)

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 3 - 106.3sqm**

1 new window + 1 one existing with secondary glazing

1.4m high window cill

1.2 sqm + 1.2sqm (E + S.G) opening area - bedroom with no exterior opening

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 4 - 66sqm**

1 new window

1.4m high window cill

< 1 sqm - opening area

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 5 - 64.3sqm**

1 existing window with secondary glazing

1.4m high window cill

1.2 sqm (E + S.G) opening area

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 6 - 62.1sqm**

1 new window  
1.4m high window cill  
< 1 sqm opening area

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 7 -59.9sqm**

1 existing window with secondary glazing  
1.4m high window cill  
1.2 sqm (E + S.G) opening area

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 8 - 86.3sqm**

1 new window  
1.4m high window cill  
< 1 sqm opening area - bedroom with no exterior opening

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 9 - 86.3sqm**

1 new windows + 1 existing with secondary glazing  
1.4m high window cill  
1.2 sqm + 1.2sqm (E + S.G) opening area - enclosed bedroom with no exterior opening

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 10 - 75.2sqm**

3 new openable windows (3x2 pane centre hinge/pivot)  
1.1m high window cill  
.5sqm x 3 = 1.5sqm opening area - enclosed bedroom with no opening

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 11 - 76.4sqm**

2 new openable windows (3x2 pane centre hinge/pivot)  
1.1m high window cill  
.7sqm x 2 = 1.4sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 12 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 13 - 72.4sqm**

2 new openable windows (5x2 pane)

1.4m high window cill

1.4sqm x 2 = 2.8sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 14 - 156.2sqm**

5 existing windows (3x2 pane opening centre hinge/pivot) with secondary glazing

1.9m high window cill

.8sqm x 5 = 4sqm (E + S.G) opening area

2 existing windows (3x2 pane opening centre hinge/pivot) with secondary glazing

140mm high window cill

1sqm x 2 = 2sqm (E + S.G) opening area - enclosed bedroom with no opening

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

**UNIT 15 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 16 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 17 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 18 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 19 - 158.6sqm**

8 existing windows (3x2 pane opening centre hinge/pivot) with secondary glazing

820mm high window cill

1.1sqm x 8 = 8.8sqm (E + S.G) opening area - enclosed bedrooms with no opening

1 door

1 openable new window to bedroom

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

#### **UNIT 20 - 239.1sqm**

9 existing windows (3x2 pane opening centre hinge/pivot) with secondary glazing

620mm high window cill

.8sqm x 9 = 7.2sqm (E+S.G) opening area (TBC)

**MECHANICAL VENTILATION REQUIRED WITH NO OPENING WINDOWS**

### **RUSTON & WARD**

#### **UNIT 1 - 67.2sqm**

4 new openable windows (3x2 pane opening **centre hinge/pivot**)

1.2m high window cill

.7sqm x 4 = 2.8qm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

#### **UNIT 2 - 72.6sqm**

4 new openable windows (3x2 pane opening centre hinge/pivot)

1.2m high window cill

.7sqm + 1.2 = 1.9sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

#### **UNIT 3 - 70.1sqm**

2 new openable windows (3x2 pane opening centre hinge/pivot) + new top light window

1.2m high window cill

.7sqm + 1.2 = 1.9sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

#### **UNIT 4 - 66sqm**

1 new openable window (3x2 pane opening centre hinge/pivot) + top light of existing door

1.2m high window cill

.7sqm + 1.4 = 2.1sqm opening area (TBC)

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 5 - 68.9sqm**

2 new openable windows (3x2 pane opening centre hinge/pivot) + new top light window

1.2m high window cill

.7sqm + 1.2 = 1.9sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 6 - 148.7sqm**

3 new openable windows (3x2 pane opening centre hinge/pivot)

1.2m high window cill

.6sqm x 3 = 1.8sqm opening area - enclosed bedroom with no exterior opening

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 7 - 91.3sqm**

2 new openable windows (3x2 pane opening centre hinge/pivot) + new top light window

1.2m high window cill

.7sqm + 1.2 = 1.9sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 8 - 72.5sqm**

4 new openable windows (3x2 pane opening centre hinge/pivot)

1.1m high window cill

.7sqm x 4 = 2.8sqm opening area - enclosed bedroom with no exterior opening

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 9 - 72.9sqm**

4 new openable windows (3x2 pane opening centre hinge/pivot)

1.1m high window cill

.7sqm x 4 = 2.8sqm opening area

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENABLE WINDOWS**

**UNIT 10 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 11 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 12 - ALL NEW WINDOWS**

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**

**UNIT 13 - 154.5sqm**

9 new openable windows (3x2 pane opening centre hinge/pivot)

650mm high window cill

1.1sqm x 8 = 8.8sqm opening area - enclosed bedrooms with no opening

1 openable new window to bedroom

**MECHANICAL VENTILATION REQUIRED + NATURAL VENTILATION ALLOWED WITH OPENING WINDOWS**