**UNIVERSITY OF ESSEX**

**SNOW & ICE POLICY**

**2018/2019**

**Introduction**

Gritting/snow clearance will be completed predominantly by the Grounds Section and Domestic Services Section and if necessary with support from all other Estate Management teams, including Security and Facilities staff. If snow clearance is needed it will take priority over any other daily tasks, and these tasks may subsequently not be completed.

Areas will be gritted/cleared in a risk rated order, and in many areas a safe route will be cleared and not complete areas. Main roads including access into car parks, main cycle routes and main pedestrian routes are to be treated as main priority areas to reduce the risk of human injury on campus.

Following any heavy snowfall the Grounds Manager or the Deputy Grounds Manager will complete a daily walk of campus to ascertain whether the extreme weather clearance plan needs to be brought into action; this will be discussed and agreed with the Domestic Service Manager who will action his team to take over there priority clearance routes.

Following heavy snowfall the UoE will endeavour to clear safe routes as soon as possible, but there may be delays in some areas such as car parks where vehicles will have parked on the snow for several days. There may be reduced usable car parking spaces on campus whilst snow clearance takes place.

*We do not expect to clear all areas before staff arrive on campus following heavy snowfall so the University community should use vigilance, common sense, drive, ride or walk with caution and wear the appropriate clothing and footwear and ensure they remove any snow from their person.*

**Pre and Post Season Preparation**

* By the end of September:
  + All gritting equipment will be checked and serviced.
  + The Grounds Manager or the Deputy Grounds Manager will check the quantities of brine/rock salt and ice melt, and top up as required.
* By the end of October:
  + The salt bins checked and filled as required.
  + This document including maps, routes, details and the emergency team member list will be updated and distributed.

**Procedure - Normal working hours**

07.30 to 15.30 Monday to Thursday and 07.30 to 14.00 Friday

The Grounds Manager or the Deputy Grounds Manager will decide whether forecasted or prevailing road and footpath conditions warrant de-icing or snow clearance to take place. If the temperature is predicted to be below 0oc or snow is forecast, the relevant Ground Section and Domestic Service staff will be put into action to undertake de-icing and snow clearance works of dictated areas around campus dependant on how much snow has fallen. Campus Security Supervisors will be informed so warning signs can be unlocked.

When the temperature is predicted to be below 0oc or snow is forecast for the following day, the Grounds Manager or the Deputy Grounds Manager will inform the Domestic Services Manager, Security Supervisor and Grounds Section Staff of a planned early morning start and which plan of action will be implemented.

If committed to attend the Estate Management Help Desk should issue an information e-mail to all staff, all students re. de-icing or snow clearance to take place /icy conditions, as directed by the Grounds Manager or the Deputy Grounds Manager. Email to include details of particularly dangerous areas and ask staff and students to feedback information.

**Communication Actions:**

* Grounds Manager or the Deputy Grounds Manager to inform:
  + Grounds Team;
  + Domestic Service Manager;
  + Security Supervisors;
  + Estates Management Helpdesk;

That de-icing or snow clearance works are required immediately or an early start the following day and which plan of action is to be used.

**Procedure - Outside normal working hours**

14.00 Friday to 07.30 Monday and Bank Holidays and University Christmas shutdown

**On-Call**

When the temperature is predicted to be below 0oc or snow is forecasted, the Grounds Manager or the Deputy Grounds Manager will if necessary, put members of the Grounds Section ‘On-Call’.

Notified Grounds Section staff will be ‘on-call’ for a predetermined time period as follows:

* Daily: (any day of the week): 06.30 to 06.30.
* Weekend (Saturday & Sunday): 14.00 Friday to 06.30 Monday.
* Working Week (Monday to Friday): 15.30 Monday to 06.30 Friday.
* Working Week + Weekend (Monday to Sunday): 15.30 Monday to 06.30 Monday.

The Domestic Service Manager will also be informed, so the Domestic Service team members can be put ‘On-Call’ if deemed necessary.

**Communication Actions:**

* Grounds Manager or the Deputy Grounds Manager to inform:
  + Grounds Team;
  + Domestic Service Manager;
  + Security Supervisors;
  + Estates Management Helpdesk;

That predicted conditions require teams to be put ‘On-Call’.

**Call-Out**

If the temperature is predicted to be, or is below 0oc while outside normal working hours, the Grounds Manager or Deputy Grounds Manager will call out members of the Grounds Section to undertake de-icing or snow clearance works. This will be initiated whether the team are ‘On-Call’ or not. Campus Security Supervisors will be informed so warning signs can be unlocked.

The Security Supervisors should contact the Grounds Manager or Deputy Grounds Manager and Domestic Services Manager to confirm conditions are severe enough to warrant a ‘Call-Out’. This will give a joined up approach with communication between staff on site and staff off site.

**Communication Actions:**

* Grounds Manager or the Deputy Grounds Manager to inform:
  + Grounds Team;
  + Domestic Service Manager;
  + Security Supervisors;

That de-icing and snow clearance teams are being ‘Called-Out’.

* Security Supervisors to inform:
  + Grounds Manager or the Deputy Grounds Manager;
  + Domestic Service Manager;

That predicted conditions mean teams may need to be ‘Called-Out’.

* Domestic Service Manager to inform:
  + Domestic Service Team;

That de-icing and snow clearance teams are being ‘Called-Out’.

**Snow and Ice Related Equipment Stored Locations:**

**PGB & Grounds barn**

* SnowEx SP8500 on VMT2500 Trailer
* 3 x SnowEx VSS-1000
* 2 x Team Sprayer Custom Sprayers
* 3 x John Deere Snow Plough 72-Inch XUV
* Bema 3 Robust snow brush
* 4 x Turbocast 300 Salt Spreader

**Launderette Store (green doors opposite the Hexagon Launderette)**

* 5 x powered plough (TBC)
* 5 x Earthway High Output Salt Spreader (Blue)
* 40 x metal shovels
* 20 x plastic snow shovels
* 25 x brooms 18”
* 25 x brooms 24”
* 80 x thermal gloves
* 15 x hand ploughs

**Hexagan Store**

* 4 x Turbocast 300 salt spreader (yellow)

***Only staff that have read the relevant risk assessment and have been fully trained should use the equipment.***

***After use all equipment should be cleaned and returned to the correct store.***

**PLEASE NOTE**:

**The University’s Snow & Ice Clearance Policy requires that weather forecasts are checked the day before to ascertain overnight conditions. We use the BBC Weather Centre’s 5 Day Forecast which is monitored every day. If the temperature is predicted to be below 0oc or snow is forecast the relevant staff will be organised. We also have call out arrangements if the weather suddenly deteriorates**.

*Please also be aware that both University entrance junctions are owned by Essex County Council and the gritting/clearance of these areas is their responsibility, so if you have a complaint about these areas please contact Essex County Council direct.*

Emailed copies to:

* Chris Oldham
* Rob Davey
* Marcus Clayton
* Ben Lawson
* Mark Spicer (E15)
* John Wilkinson (Southend)
* Estate Management Help Desk
* Claire Saunders
* Richard Green
* Andy Sheppard
* David Quinnelle
* Marc Lee
* Security Supervisors

Hard copies to:

* 3 x Grounds Section
* 5 x Domestic Service Section
* 1 x Rob Davey
* 2 x Marcus Clayton
* 1 x Ben Lawson
* 1 x Marc Lee
* 1 x Security Supervisors
* 1 x Mark Spicer (E15)
* 1 x John Wilkinson (Southend)

**TEAM 1 – WORKING ORDERS**

|  |  |
| --- | --- |
| **Team 1** | **1 Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Domestic Services Team** |
| **Machinery:** | Bucket, Trowel. Shovel, Hand plough.  TurboCast 300, Earthway High Output Spreader |
| **Areas:**  (In priority order) | Squares – 1, 2, 3, 4, 5  Paths around Library Including fire escape route from the rear of the library extension to Lakeside Theatre entrance  Silberrad Student Centre entrance, including fire escape route leading from the rear of the building to the plaza  ICLH Bridge  Teaching Centre Roof  Teaching Centre Steps  Path from Teaching Centre to Hexagon and then to Square 4  Steps between Square 3 and 4  Steps between Square 1 and 2  Path from Square 3 to LTB up to back of Eddington Tower  LTB back steps to under podia and parking area  Bridge to Rab Butler Building  Walkway and Bridge to SSRC  Paving in front of SSRC  Walkway from Health Centre access road to back bottom entrance SSRC  Square 1 Building bridge  Paths around Square 1 Building and steps to under podia |

**TEAM 1 – WORKING ORDERS**

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| **Team 1** | **1 Snow Or Ice Thicker Than 50mm (2 Inches)** |
| **Name:** | **Domestic Services Team** |
| **Machinery:** | Bucket, Trowel. Shovel, Pedestrian Powered plough.  TurboCast 300, Earthway High Output Spreader |
| **Areas:**  (In priority order) | Squares – 1, 2, 3, 4, 5  Paths around Library Including fire escape route from the rear of the library extension to Lakeside Theatre entrance  Silberrad Student Centre entrance, including fire escape route leading from the rear of the building to the plaza  ICLH Bridge  Teaching Centre Roof  Teaching Centre Steps  Path from Teaching Centre to Hexagon and then to Square 4  Steps between Square 3 and 4  Steps between Square 1 and 2  Path from Square 3 to LTB up to back of Eddington Tower  LTB back steps to under podia and parking area  Bridge to Rab Butler Building  Walkway and Bridge to SSRC  Paving in front of SSRC  Walkway from Health Centre access road to back bottom entrance SSRC  Square 1 Building bridge  Paths around Square 1 Building and steps to under podia  Path from Park Rd. along next STP  Paths around Sports Centre  Path from bus stops South Towers junction to start of South Courts  All paths at South Courts and Harwich Court  Paths from South Courts to bottom of South Towers  Path from bottom of South Towers to LTB  Path from bottom of South Towers to HHS  Paths from South Courts to HHS  Paths from South Courts to Square 1  Entrance to Brain Science and adjacent sloping path  Valley Road Paths  Day Nursery car park paths  Path from start of North Towers causeway down past Day Nursery to bollard, North Housing roads and paths  West Lodge Path and Gate House  North Teaching Centre/Wolfson Court paths \*bucket and chuck it.  Path from North Housing down to The Teaching Centre  The Teaching Centre paths  Path from The Teaching Centre to North Towers  Health Centre (including route for the disabled going around TTC shrub bed)  Cycle path from Boundary Rd. up to end of North Towers Causeway  New tarmac path from Cycle path, past SSRC to Square 2 bridge  Concrete access path from Boundary road to Causeway  Pathway from Wivenhoe House to Square 5 incl. Student Centre square  Valley Car Park to Ivor Crewe LTB path  Pathways from Valley Car Park to LTB  Pathway from LTB to Sports Centre and on to STP  Car Park B to Sports Centre path  Multi Deck Car Park Stair Wells  Pathway from Tennis Court between Car Park A & B to Boundary Rd.  Pathway from the Sports Pavilion to Wivenhoe Road entrance  Park Rd. to STP path  Pathway from Valley Car Park to Wivenhoe House  EBS paths, ramp, cycle racks and fire exits  Pathway from NTCP to Parkside  All Parkside pathways |

**TEAM 2 – WORKING ORDERS**

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| **Team 2** | **2A Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Graham Kerridge** |
| **Machinery:** | John Deere 5090 Tractor  SnowEx SP8500 on VMT2500 Trailer  Bucket and Trowel |
| **Areas:**  (In priority order) | Constable Building Car Park  Wivenhoe House Car Park  Park Road  Valley Car Park  Hammer Head junction near Glass Pavilion  Car Park A  Boundary Rd.  Car Park B  Knowledge Gateway Roads incl. Nesfield Road \*potentially temporary access road  Valley Rd. Roads  South Towers Road  South Courts Roads |

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| **Team 2** | **2B Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Mick Minshull/Michael Warren** |
| **Machinery:** | John Deere 1 Series Tractor  Team Sprayer  Bucket and Trowel |
| **Areas:**  (In priority order) | Path from Park Rd. along next STP  Paths around Sports Centre including rear access road  Path from bus stops South Towers junction to start of South Courts  All paths at South Courts and Harwich Court  Paths from South Courts to bottom of South Towers  Path from bottom of South Towers to LTB  Path from bottom of South Towers to HHS  Paths from South Courts to HHS  Paths from South Courts to Square 1  Entrance to Brain Science and adjacent sloping path |

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| **Team 2** | **2C Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Craig Rafferty** |
| **Machinery:** | John Deere 3 Series Tractor  Snow Plough  Team Sprayer  Bucket and Trowel |
| **Areas:**  (In priority order) | Valley Road Paths  Day Nursery car park paths  Path from start of North Towers causeway down past Day Nursery to bollard, North Housing roads and paths  West Lodge Path and Gate House  North Teaching Centre/Wolfson Court paths \*bucket and chuck it.  Path from North Housing down to The Teaching Centre  The Teaching Centre paths  Path from The Teaching Centre to North Towers  Health Centre (including route for the disabled going around TTC shrub bed)  Cycle path from Boundary Rd. up to end of North Towers Causeway  New tarmac path from Cycle path, past SSRC to Square 2 bridge  Concrete access path from Boundary road to Causeway |

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| **Team 2** | **2D Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Sarah Manning/Danny Cook** |
| **Machinery:** | Gator XUV CAMO ATV  Snow Plough  SnowEx VSS-1000  Bucket and Trowel |
| **Areas:**  (In priority order) | In front of our barn  Lakeside House driveway  Pathway from Wivenhoe House to Square 5 incl. Student Centre square  Valley Car Park to Ivor Crewe LTB path  Pathways from Valley Car Park to LTB  Pathway from LTB to Sports Centre and on to STP  Car Park B to Sports Centre path  Multi Deck Car Park & Stair Wells  Pathway from Tennis Court between Car Park A & B to Boundary Rd.  Pathway from the Sports Pavilion to Wivenhoe Road entrance  Park Rd. to STP path  Pathway from Valley Car Park to Wivenhoe House  Tarmac Fire Access Road to under Podia incl. new Student Centre fire ramp.  2001 Building access road  Under Podia to Health Centre  Health Centre to SSRC path  Chaplaincy/Central stores Car Park |

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| **Team 2** | **2E Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Barrie Morris & Ron Wyatt** |
| **Machinery:** | Gator XUV CAMO ATV  Snow Plough  SnowEx VSS-1000  Bucket and Trowel |
| **Areas:**  (In priority order) | Paths from main barrier to Knowledge Gateway  Parkside new development  Path from North Towers junction up to bollard  Day Nursery access ramp to front door  All North Towers Car Parks  North Towers Causeway  Knowledge Gateway cycle path to Salary Brook farm  Knowledge Gateway paths  Boundary Rd. to Quays path  Wivenhoe Trail  Steps between Car Parks (Valley Road Car Park)  Bus Stops South Towers junction  Bus stops Valley Rd. junction  Bus stops near North Towers junction  Pathways inside the Day Nursery  Taxi rank start of North Towers Causeway  Steps and Wheelchair slope start of path to Quays  Bus stops at Knowledge Gateway  Bridge over railway to The Quays  Fire Exits from Students Union Bars  Steps either side of Biological Sciences  Building 2001 pathways  Filling grit bins |

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| **Team 2** | **2F Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Karl Ravenhill** |
| **Machinery:** | Bucket and Trowel  TurboCast 300 |
| **Areas:**  (In priority order) | Wivenhoe House Hotel paths all round  Pathway from Wivenhoe House to Lakeside House \*Minus VC’s front door steps  Front of Constable Building  Path at back of Constable Building  Area between John Tabor and Constable Building  Ivore Crewe LTB steps by back exit  Steps to bottom of Pathway from LTB to Valley Road Car Parks  Steps and paths rear of LTB Courtyards  Steps next to Bertrand Russell South Towers  Steps at front of Sports Centre  Step from South Towers to Sports Centre  Steps on path from South Towers to HHS  Hypericum bed steps at Harwich Courts |

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| **Team 2** | **2G Snow Or Ice No Thicker Than 50mm (2 Inches)** |
| **Name:** | **Graham Kemp** |
| **Machinery:** | Gator XUV CAMO ATV  Snow Plough  SnowEx VSS-1000  Bucket and Trowel |
| **Areas:**  (In priority order) | EBS paths, ramp, cycle racks and fire exits  Innovation centre car park  Pathway from NTCP to Parkside  All Parkside Pathways |

**TEAM 2 – WORKING ORDERS**

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| **Team 2** | **2A Snow Or Ice Thicker Than 50mm (2 Inches)** |
| **Name:** | **Full Grounds Team** |
| **Machinery:** | John Deere 5090 Tractor & SnowEx SP8500 on VMT2500 Trailer  John Deere 3 Series Tractor & Team Sprayer Brine machine with Plough  John Deere 1 Series Tractor & Team Sprayer Brine machine  3 x Gator XUV CAMO ATV & 3 x SnowEx VSS-1000 with Plough  1 x Gator XUV CAMO ATV & 1 x SnowEx Vee Pro 3000  TurboCast 300 x 3  Bucket and Trowel x 10 |
| **Areas:** | Constable Building Car Park  Lake House Driveway  Wivenhoe House Car Park  Park Road  All Valley Car Parks and Emergency access routes  Hammer Head junction near Glass Pavilion  Car Park A  Boundary Rd.  Car Park B  South Towers Road  South Courts Roads  Valley Rd & Under Podia Access Including out to Ivor Crewe bank  Knowledge Gateway Roads incl. Nesfield Road \*potentially temporary access road  Capon Road, Annan Road  All North Housing Carparks & Emergency Access routes |

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| **Team 2** | **2H Loughton Campus/Southend Campus** |
| **Name:** | Mark Spicer & E15 Team/ John Wilkinson & Southend Team |
| **Machinery:** | As required for task |
| **Areas:**  (In priority order) | All East 15 and Southend Pathways, Fire Exits and Steps  East 15 and Southend Main Entrance and Roads  East 15 and Southend Carparks and access routes |

**EMERGENCY CALL OUT SERVICE**: Team members and contact information

|  |  |  |
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| **Contact Name** | **Contact mobile number** | **Times They Can Attend** |
| **Director of Estates and Campus Services** |  |  |
| Chris Oldham | 07500952574 |  |
| **Director of Maintenance Capital and Development** |  |  |
| Andy Shepherd | 07823327398 |  |
| **Head of Sustainability and Grounds** |  |  |
| Rob Davey | 07584150649 |  |
| **Grounds Manager** |  |  |
| Marcus Clayton | 07825861282 |  |
| **Deputy Grounds Manager** |  |  |
| Graham Kemp | 07787668545 | Not Feb Till 2019 |
| **Domestic Services Manager** |  |  |
| Ben Lawson | 07795685348 |  |
| **Senior Domestic Services Supervisor** |  |  |
| Ashley Mynott | 07823669682 |  |
| **Domestic Services Supervisors** |  |  |
| Charlane Peake | 07909004430 |  |
| Rob Wink | 07919301600 |  |
| Imelda Wyatt | 07795685304 |  |
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**SALT BIN CONDITION REPORT DATE:** October 29th

Note: If salt bin is damaged describe damage in the conditions column, its size (small/medium/large) and colour.

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|  | **Locations** | **Condition** | **Salt Type** | **Amount** |
| 1 | John Tabor |  | White | Full |
| 2 | Constable Building - Bin Store |  | White | Full |
| 3 | Lakeside House Driveway |  | White | Full |
| 4 | Constable Building – Near Entrance |  | White | Full |
| 5 | Wivenhoe House – Small one near John Tabor |  | White | Full |
| 6 | Valley Car Park (Were Porta Cabins used to be) |  | White | Full |
| 7 | Ivor Crewe Lecture Theatre |  | White | Full |
| 8 | Sports Centre – Corner of new Arena |  | White | Full |
| 9 | Hammer head junction (Pavilion) |  | White | Full |
| 10 | Multi Deck Car Park – STP end stair well |  | White | Full |
| 11 | Multi Deck Car Park – South Courts end stair well |  | White | Full |
| 12 | Recycling Area South Towers |  | White | Full |
| 13 | Footpath between HSS building & South Towers |  | White | Full |
| 14 | South Courts Phase 1 |  | White | Full |
| 15 | South Courts Phase 2 – Bin 1 |  | White | Full |
| 16 | South Courts Phase 2 – Bin 2 |  | White | Full |
| 17 | South Courts Phase 3 |  | White | Full |
| 18 | Junction of Boundary Road & Valley Road |  | White | Full |
| 19 | Electricians Workshop |  | White | Full |
| 20 | Shop Loading Bay |  | White | Full |
| 21 | Health Centre |  | White | Full |
| 22 | Concrete Access Path Near Main Barrier Bdy Road |  | White | Full |
| 23 | Data Archive Front Doors |  | White | Full |
| 24 | Junction of Boundary Road & North Towers Rd. |  | White | Full |
| 25 | EBS Front Doors |  | White | Full |
| 26 | Day Nursery |  | White | Full |
| 27 | Day Nursery Car Park (Natural Spring) |  | White | Full |
| 28 | North Housing Car Park Cycle Rack |  | White | Full |
| 29 | North Housing Service Area |  | White | Full |
| 30 | Start of North Towers Causeway |  | White | Full |
| 31 | The Teaching Centre Roof |  | White | Full |
| 32 | Parkside Innovation Centre Car Park Entrance |  | White | Full |
| 33 | Knowldge Gateway 1 – Top of Cycle Path  Knowledge |  | White | Full |
| 34 | Knowldge Gateway 2 – Bottom of Cycle Path  Knowledge |  | White | Full |
| 35 | Knowldge Gateway 4 – Near Barrier |  | White | Full |
| 36 | Knowldge Gateway 5 – Bridge to Quays (Uni side) |  | White | Full |
| 37 | Knowldge Gateway 6 – Bridge to Quays (Quays side) |  | White | Full |
| 38 | Capon Road |  | White | Full |
| 39 | Square 1 |  | White | Full |
| 40 | Square 2 |  | White | Full |
| 41 | Square 3 |  | White | Full |
| 42 | Square 4 |  | White | Full |
| 43 | Square 5 |  | White | Full |
| 44 | Library/Student Centre |  | White | Full |
|  |  |  |  |  |