

**MORAY COUNCIL  
ROADS MAINTENANCE  
WINTER SERVICE OPERATIONAL PLAN**

**APPENDIX I**

**Salt Stock Levels**

- 1) Assessment of the total remaining salt stock level will be made at the end of each season, and a summer order placed at the start of the financial year to target maximum storage capacity through summer/autumn deliveries. This order will be rounded to achieve the requisite number of boat deliveries based on an average of 2500t per boat.
- 2) At 1st November absolute minimum total stock level to be 50% of annual average usage.
- 3) After delivery of full summer order, and 1st January, further salt orders will be placed when the current salt stock drops below a figure of remaining average usage + 2500t.
- 4) Typical average monthly usage per depot is given in the table I-2 below.
- 5) At small depots, salt will be transferred from the main depots when minimum stock levels drop below a resilience equivalent to 6 days of heavy usage\*, during the core winter period of 1st November to 1st March. During the core winter period a minimum of 10 days heavy usage\* resilience will be maintained at main depots  
 \* heavy usage is defined as the maximum historic amount of salt recorded as leaving a particular depot on an individual day
- 6) Should total stock fall below the total resilience figure, for any reason during the core winter period, further salt preservation measures will be implemented, as directed by Roads Maintenance Manager

**Table I-1 Salt Storage**

| Depot             | Depot Capacity |              |              | Depot Total   | Minimum Resilience Level |
|-------------------|----------------|--------------|--------------|---------------|--------------------------|
|                   | Dry Salt       |              | Wet Salt     |               |                          |
|                   | Indoor         | Outdoor      | Outdoor      |               |                          |
| <b>Elgin *</b>    | 6,000          | 0            | 0            | 6,000         | 2,370                    |
| <b>Buckie</b>     | 150            | 550          | 0            | 700           | 504                      |
| <b>Keith</b>      | 1400           | 600          | 0            | 2,000         | 864                      |
| <b>Dufftown *</b> | 600            | 4,250        | 0            | 4,850         | 1,350                    |
| <b>Tomintoul</b>  | 0              | 0            | 1,000        | 1,000         | 312                      |
| <b>Totals :-</b>  | <b>8,150</b>   | <b>5,400</b> | <b>1,000</b> | <b>14,550</b> | <b>5,400</b>             |

**Table I-2 Average Salt Usage**

| Depot                         | Average Monthly Usage (seasons 15/16 - 24/25) |              |              |              |              |              |            |
|-------------------------------|---|--------------|--------------|--------------|--------------|--------------|------------|
|                               | Oct   | Nov          | Dec          | Jan          | Feb          | Mar          | Apr        |
| <b>Elgin *</b>                | 68  | 501          | 902          | 1097         | 737          | 338          | 130        |
| <b>Forres</b>                 | 17  | 107          | 199          | 262          | 203          | 97           | 27         |
| <b>Archiestown</b>            | 6   | 43           | 67           | 85           | 71           | 46           | 7          |
| <b>Buckie</b>                 | 15  | 154          | 294          | 378          | 259          | 135          | 38         |
| <b>Keith &amp; Auchinhove</b> | 37  | 329          | 592          | 733          | 466          | 240          | 88         |
| <b>Dufftown *</b>             | 53  | 376          | 650          | 796          | 540          | 275          | 115        |
| <b>Tomintoul</b>              | 37  | 222          | 358          | 416          | 295          | 187          | 75         |
| <b>Totals :-</b>              | <b>234</b>                                    | <b>1,731</b> | <b>3,062</b> | <b>3,766</b> | <b>2,569</b> | <b>1,318</b> | <b>481</b> |
| <b>Grand Total :-</b>         | <b>13,160</b>                                 |              |              |              |              |              |            |

**Table Notes :-**

1. The figures above are given as tonnages and are calculated based on a salt density of 1.3 tonnes / cu.m
2. An asterisk (\*) next to a depot name indicates that the depot is a "Main Depot"

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