

**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			Minimum Resilience Level	
	Dry Salt		Wet Salt		
	Indoor	Outdoor	Outdoor		
Elgin *	6,000			6,000	2,500
Buckie	200	550		750	504
Keith *	2400	1,400		3,800	2,790
Tomintoul			1,000	1,000	348
Totals :-	8,600	1,950	1,000	11,550	6,142

Table I-2 Average Salt Usage

Depot	Average Monthly Usage (seasons 16/17 - 25/26)						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Elgin	86	543	924	1322	736	330	117
Forres	16	92	178	222	164	84	22
Archiestown	6	31	52	61	46	36	6
Buckie	15	158	287	441	232	126	33
Keith & Auchinhove	37	356	589	872	459	230	79
Dufftown	54	390	649	923	522	257	95
Tomintoul	38	228	356	488	300	179	63
Totals :-	253	1,797	3,034	4,329	2,460	1,241	414
Grand Total :-	13,527						

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 asterix (*) next to a depot name indicates that the depot is a "Main Depot"

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