

**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		
Elgin *	6,000	0	0	6,000	2,370
Buckie	400	300	0	700	504
Keith & Auchinhove	1400	600	0	2,000	864
Dufftown *	0	0	4,250	4,250	1,350
Tomintoul	0	0	1,000	1,000	312
Totals :-	7,800	900	5,250	13,950	5,400

Table I-2 Average Salt Usage

Depot	Average Monthly Usage (seasons 14/15 - 23/24)						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Elgin *	66	417	954	1183	787	362	136
Forres	17	113	245	313	228	108	30
Archiestown	6	43	96	119	89	55	11
Buckie	14	138	334	429	284	144	41
Keith & Auchinhove	36	263	621	788	504	254	94
Dufftown *	50	314	705	900	602	298	117
Tomintoul	34	202	379	461	328	202	72
Totals :-	223	1,490	3,334	4,192	2,822	1,423	500
Grand Total :-	13,982						

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"

APPENDIX I

Salt Stock Levels