

COMMONWEALTH OF MASSACHUSETTS MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION STANDARD OPERATING PROCEDURES			S.O.P. NO. ENV-01-08-1-000 PAGE 1 OF 1
SUBJECT: Management of Sand and Deicing Chemicals at MassDOT Highway Division Facilities			DISTRIBUTION: A
EFFECTIVE: 9/20/10	ISSUED: 9/20/10	SUPERSEDES: ENV-01-08-1-000, Dated 8/13/10	AUTHORIZED: Signature on original

PURPOSE

To ensure that sand and deicing chemicals are managed consistent with environmental regulations (DEP Policy # DWSG 97-1).

RESPONSIBILITY

It is the responsibility of the District Maintenance Engineer (DME) or their designee to ensure that this SOP is adhered to.

The Environmental Management System Compliance Coordinator (ECC) is responsible for ensuring regular inspections of the sand and deicing chemical storage areas and reporting findings to the DME.

POLICY

Deicing chemicals (salts, i.e. sodium/calcium chloride, calcium and/or magnesium chloride solutions etc.) shall be stored in properly labeled storage sheds or tanks in a manner that minimizes the potential for runoff/leakage. Solid deicing chemicals shall be stored on an impervious surface. All deicing chemicals shall be covered when not in use (in a storage shed or under a weatherproof tarp). Sand piles shall be labeled and stored in a manner to minimize runoff.

During handling, sand and salt which fall outside of the storage areas will be swept back to the storage areas within 48 hours of the activity, to minimize runoff.

All facility personnel must report leaks in sheds and other problems to their immediate supervisor.

During regular inspections by the ECC, the sand and deicing chemical storage areas shall be inspected to ensure that runoff is minimized. All compliance findings during an inspection shall be sent to the DME.

NOTE: Personnel handling liquid calcium or magnesium chloride will wear the proper protective equipment (i.e. gloves, goggles). Consult the MSDS for first aid procedures and other pertinent information.