

COMMONWEALTH OF MASSACHUSETTS MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION STANDARD OPERATING PROCEDURES			S.O.P. NO. ENV-01-19-1-000 PAGE 1 OF 1
SUBJECT: Inspection and Maintenance of Stormwater Catch Basins at MassDOT Highway Facilities			DISTRIBUTION: A
EFFECTIVE: 11/23/10	ISSUED: 11/23/10	SUPERSEDES: ENV-01-19-1-000, Dated 9/12/08	AUTHORIZED: Signature on original

PURPOSE

To minimize the discharge of sediments and other pollutants from stormwater catch basins (located within MassDOT, Highway Maintenance Facilities) to receiving waters through proper cleaning and maintenance of such basins. This policy does not include those stormwater catch basins or other drainage structures located within roadways or other rights-of-way belonging to MassDOT. (Reference: 310 CMR 27.00, 314 CMR 3.0, 314 CMR 5.0) Also refer to the (now MassDOT) MassHighway Stormwater Management Plan for MassHighway Owned and Operated Highways, January 2008, available on the internet at \\mhd-shared\shareddata\HQ\Environment\Environmental Web Site\Wetlands\A Final Handbook.pdf or by request from the Environmental Services Division, Wetland/Water Resources Unit in Boston.

RESPONSIBILITY

It is the responsibility of the District Maintenance Engineer or their designee to ensure facility operations do not result in excessive build up of sediment in catch basins.

District Maintenance Personnel are responsible for inspecting all stormwater catch basins located on the premises of each maintenance facility on an annual basis. District Maintenance Personnel are also responsible for all repairs to catch basins.

The Environmental Management System (EMS) Compliance Coordinator (ECC) will report findings from their facility inspection to the DME.

POLICY

All stormwater catch basins at each maintenance facility shall be inspected annually. The inspection shall include investigation of the presence of accumulated sediments as well as the structural integrity of the catch basins. Any catch basin that is found to contain sediment exceeding 50 percent of the capacity of the sump within the catch basin structure shall be cleaned using a catch basin dredge (a.k.a. clam bucket) or vacor unit. Damaged catch basin structures shall be repaired promptly by District Maintenance Personnel. The inspections and subsequent cleanings should be performed after the snow and ice season, and, whenever possible, before the spring rain season.

To avoid a build up of silt at catch basins, facility personnel shall avoid rinsing any equipment or vehicles, or stockpiling sand in the immediate vicinity of catch basins.

Commercially available storm water treatment systems for catch basins such as “Stormceptors” must be inspected and maintained according to manufactures specifications.