

Continued Construction Specifications from C.9.7 Modified ST-1

6. Construction operations shall be carried out in such a manner that erosion and water pollution are abated. Once constructed, the top and outside face of the embankment shall be stabilized with seed and mulch. Points of concentrated inflow shall be protected in accordance with Grade Stabilization Structure criteria. The remainder of the interior slopes should be stabilized with seed and anchored straw mulch upon trap completion and monitored and maintained erosion free during the life of the trap.
7. The structure shall be removed and area stabilized with DPS Inspector approval when the drainage area has been properly stabilized.
8. All cut and fill slopes shall be 2:1 or flatter.
9. All pipe connections shall be watertight.
10. Install modified dewatering device.
11. Straps or connecting bands shall be used to hold the filter cloth and wire fabric in place. They shall be placed at the top and bottom of the cloth.
12. Fill material around the pipe spillway shall be hand compacted in 4" layers. A minimum of 2' of hand-compacted backfill shall be placed over the pipe spillway before crossing it with construction equipment.
13. The riser shall be anchored with either a concrete base or steel plate base to prevent flotation. Concrete bases shall be at least twice the riser diameter and 12" deep with the riser embedded 9". Steel plate bases shall be at least twice the riser diameter, 1/4" minimum thickness and attached to the bottom of the riser by a continuous weld to form a watertight connection. Then place 2' of stone, gravel or tamped earth on the plate.
14. Anti seep collars shall be constructed in accordance with plans (ref. table 16 and Details 13 and 14). Anti-seep collars shall extend a minimum of 2 feet in all directions around pipe and placed a minimum of 2 feet from pipe joints.
15. Concentric trash rack and anti-vortex device design details are on Detail 16.
16. Refer to Montgomery County Details for dewatering requirements of sediment traps.
17. Outlet – An outlet shall be provided, which includes a means of conveying the discharge in an erosion free manner to an existing stable channel.
19. Where discharge occurs at the property line, local ordinances and drainage easement requirements shall be met.



MONTGOMERY COUNTY
DEPARTMENT OF PERMITTING
SERVICES
WATER RESOURCES

MODIFIED
PIPE OUTLET SEDIMENT
TRAP - ST I with
DEWATERING DEVICE

DATE: 9/04

SCALE: NONE