



NOTES:

1. THE SEDIMENT TRAP MAY BE FORMED COMPLETELY BY EXCAVATION OR BY CONSTRUCTION OF A COMPACTED EMBANKMENT, AND IS TO BE CONSTRUCTED PRIOR TO ANY UPSLOPE CLEARING AND GRADING.
2. TRAP IS TO BE LOCATED IN A LOW AREA WHERE THE TRAP WILL INTERCEPT ALL OR MOST OF THE RUNOFF FROM THE DISTURBED AREA. MUST BE ACCESSIBLE FOR MAINTENANCE.
3. PROVIDE DIVERSION DIKES AND DITCHES, AS NEEDED TO COLLECT AND DIVERT WATER SEDIMENT LADEN FLOWS TO TRAPS AND PONDS.
4. SEDIMENT TRAPS SHALL BE LIMITED TO A TRIBUTARY AREA OF LESS THAN 3 ACRES. SEE THE BMP MANUAL SECTION II-5.8.6 DESIGN CRITERIA, FOR SEDIMENT STORAGE VOLUME.
5. SEDIMENT TRAPS AND PONDS ARE TO HAVE A LEVEL BOTTOM, 3:1 OR FLATTER SIDE SLOPES AND A L:W RATIO OF 3.
6. WATER TEMPERATURE IN TRAPS AND PONDS MAY BE TOO HIGH FOR DIRECT RELEASE. ALWAYS MODERATE THE WATER TEMPERATURE BEFORE IT DRAINS INTO A LAKE, STREAM, WETLAND OR WATERWAY. WHENEVER POSSIBLE, RELEASE THE DISCHARGE ONSITE ONTO A RELATIVELY LEVEL, DENSELY GRASSED AREA AT LEAST 50 FEET FROM A WATERWAY OR WETLAND.
7. INSPECT ONCE PER WEEK ON ACTIVE SITES, ONCE EVERY TWO WEEKS ON INACTIVE SITES, AND WITHIN 24 HOURS FOLLOWING A 0.5 INCH RAIN EVENT.
8. CONSTANT MAINTENANCE IS ESSENTIAL FOR PROPER FUNCTIONING.
9. REMOVE SEDIMENT FROM THE TRAP WHEN IT REACHES ONE FOOT IN DEPTH, AND REPAIR ANY DAMAGE TO THE TRAP, THE EMBANKMENT OR THE SLOPES.
10. CARE MUST BE GIVEN TO CONSIDERING LOCATION OF TRAPS FOR SAFETY IN CASE THE STRUCTURE FAILS. FENCING MUST ALSO BE CONSIDERED FOR SAFETY.

NO.	REVISIONS	DATE	BY

DWG: E8.DWG



Department of  
Public Works  
**CLARK COUNTY**  
WASHINGTON  
proud past, promising future

STANDARD SEDIMENT TRAP

*Peter Capen*  
COUNTY ENGINEER

APPROVED

*5/23/08*  
DATE

STANDARD  
**E8**  
DETAIL  
DESIGNED  
DRAWN  
DATE 05/23/08