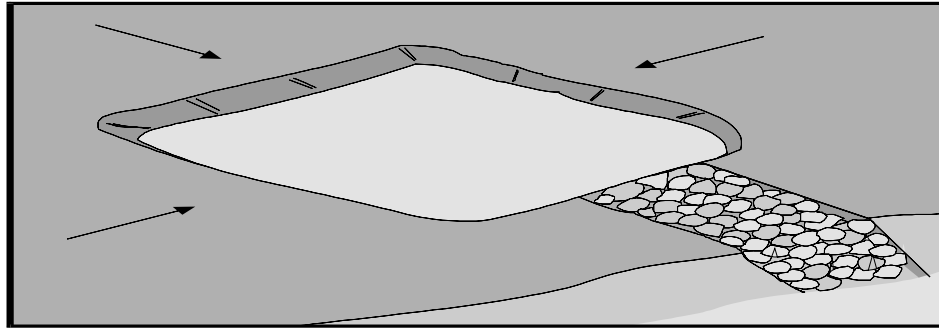


Activity: Sediment Traps**Installation Procedures**

- Build outside the area prior to starting grading of the area.
- Basin side slopes should be restricted to 4:1 or flatter.
- The outline of the trap must be stabilized with rock, geotextile, vegetation, etc. to prevent erosion.
- Traps depend on the size of the drainage area, type of soil and the amount of sediment needing to be removed.
- Traps should have a minimum volume of 134 square yards/acre and 45 square yards/acre or drainage area.
- Inlet location should maximize the travel distance to the trap outlet.
- Length to width ratio shall be greater than 3:1.
- Baffles to be constructed of 4 in. x 4 in post and 4 ft x 8 ft x 0.5 in exterior plywood.
- Post to be 3 ft into the ground and 8 ft apart from the center points, with a height of 6 inches.

Maintenance

- Inspect traps weekly and before and after heavy rainfall.
- Maintain traps to guarantee correct utilization.
- Remove sediment after it reaches 1/3 the height of the trap.

Inspection Checklist

- Constructed traps serve 5 acres or less.
- Type of outlet structure used matches EPSC plan.
- Structure is stabilized to prevent erosion.
- Gage is visible and correctly indicates the depth of the trap.
- Sediment accumulation does not exceed height of trap.
- Trap is constructed in such a way that no damage occurs to life or property.
- Trap is maintained.