

# Street Sweep & Vacuum



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Street sweep & vacuum incorporates self-propelled and walk-behind equipment to remove sediment from streets and roadways. This mitigation method prevents sediment on paved surfaces entering drains and receiving waters. Sweepers and vacuums may also be used to clean paved surfaces in preparation for final paving. This method mainly serves to promote good site housekeeping by keeping roads clean and protecting drains. It also limits the amount of sediment that is moved off-site from the tires of construction vehicles.

## Usage

- suitable anywhere sediment may be moved from the construction site onto paved private or public roads, particularly entrances and exits
- use on paved areas surrounding storm drains
- before final paving

## Benefits

- provides an adequate job of cleaning paved surfaces
- suitable for any paved surface
- simplicity and speed
- very portable

## Limitations

- will not be effective if sediment is wet or caked to paved surfaces (this type of material will need to be scraped loose)
- requires daily inspection of areas where soil may be moved off site
- sediment should be swept or vacuumed on a daily basis

## Estimated Cost

Rental rates vary per size and locale. Operator costs are hourly and depend on the size of the site and the amount of sediment wished to be swept. Disposal costs can be eliminated if soil is incorporated back into the site, so long as it is free of debris and trash.

## Alternatives

- Entrance / outlet tire wash (p. 4-4)

## Notes:

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## Maintenance

- inspect active construction site access points daily to protect public and private roadways
- refer to local regulations in order to ensure compliance with and protection of roads off-site.
- brooms need to be adjusted frequently to ensure maximization of sweeping efficiency
- sweeper waste must be disposed of at an approved dumpsite if it is not reincorporated into the site

## Vendors

See Appendix pages F19-F20

## References

California Stormwater Quality Association (CASQA). 2003. California stormwater best management practices handbook for construction.

USEPA. 1993. Stormwater Management and Technology. Noyes Data Corporation. Park Ridge, New Jersey.