

# GRAND CITIES COMMUNITY PARKING LOTS AND GARAGES

*Storm Water Management Activities Fact Sheet No. 6*

## **Goal/Purpose**

### Short Term:

Prevent the discharge of pollutants into storm water runoff from vehicle parking areas by removing contaminants by filtering the discharge before it enters the storm water conveyance system during precipitation events or snowmelt runoff.

### Long Term:

Regular cleaning of parking lots is an important component of preventing contamination of storm water runoff.

## **Storm Water Management Activities**

To comply with the individual Grand Cities Community Storm Water Pollution Prevention Programs (SWPPPs), specific storm water runoff activities must be implemented at all local municipal facilities as required.

### Activity:

1. Regularly clean parking lots to remove dirt, accumulations of grease and oil, general debris, and trash.
2. If a wet-cleaning method is used, ensure that the entire storm conveyance system is protected. Collect all wastes, liquid and solid, for appropriate disposal either to the sanitary sewer or an appropriate disposal facility.
3. Keep spill response equipment for hydrocarbon cleanups on-site. Promptly clean up any spill of liquid or solid materials. Do not hose down an area to clean or handle a spill, unless the liquid will be completely contained, cleaned up, and disposed of as appropriate for the waste type. There should be no discharge to the storm conveyance system or surface flow of contaminated runoff.
4. Schedule maintenance, such as seal coating and repair work, at least five days before predicted rain or snow. Apply only as much sealer as required to completely cover the paved area; remove any excess and store or dispose of appropriately.
5. Protect storm conveyance systems from any liquid or solid waste during maintenance or repair work.
6. If a storm event occurs during or shortly after the seal coating or lot repair work, protect storm conveyance system with sediment or petroleum-selective filters to minimize the migration of contaminants into the system.
7. Evaluate the use of storm drain filters to remove petroleum compounds, debris, and/or sediment.
8. Install storm drain filters at one or more drains to remove petroleum, debris, or sediment from the storm water system.
9. All contractors shall provide a copy of their storm water awareness training and procedures for protecting the community storm water conveyance system as required by the Clean Water Act.

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If the above-suggested activities require some modification in order to work efficiently and effectively for you and your staff or do not cover some aspect of your operations or facility, please contact the appropriate Grand Cities storm water representative:

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For additional information on this or the local area community responsibilities under the National Pollutant Discharge Elimination System (NPDES) Phase II federal regulations for storm water discharges, visit the following Grand Cities Community Web sites:

City of Grand Forks:

<http://www.grandforksgov.com/gfgov/EnvironW.nsf/Main+Frameset?OpenFrameset>

City of East Grand Forks:

<http://www.ci.east-grand-forks.mn.us/>

Grand Forks County:

<http://www.co.grand-forks.nd.us/homepage.htm>

University of North Dakota:

<http://www.facilities.und.nodak.edu/stormwater.htm>

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