

GRAND CITIES COMMUNITY VEHICLE AND EQUIPMENT FUELING

Storm Water Management Activities Fact Sheet No. 3

Goal/Purpose

Short Term:

Minimize and contain releases from vehicle and equipment fueling to reduce the discharge of pollutants into storm water runoff. Regularly check to ensure that the spill kit (absorbent, cleanup container, and shovel) is available for immediate use and there is a sign describing how employees should handle a spill. Post “Do Not Top Off Tank” signs at the fuel islands to prevent spills and inevitable drips.

Long Term:

Minimize or eliminate overall mobile fueling practices. When economically feasible, cover fueling stations and grade or berm the pad to prevent runoff and contain runoff. Design and construct a fuel island that has a cover for all the dispensers and prevents any storm water from running over and removing contaminants from the fueling area.

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. Minimize mobile fueling; take the vehicle or equipment to a permanent fueling station whenever possible.
2. Adopt specific procedures for fueling operators, both mobile and permanent, describing how they will protect the storm water system.
3. Discourage topping off of fuel tanks to reduce accidental spillage. Encourage the use of hold-open latches on fuel nozzles.
4. Dispose of wash water from cleaning windshields to the sanitary sewer system.
5. Keep spill response equipment, including absorbent materials and disposal container, for accidental spills at the fueling station.
6. Promptly clean up any spill of liquid or solid materials or wastes. Do not hose down an area to clean or handle a spill, unless the liquid will be completely contained, cleaned up, and disposed of appropriately for the waste type. Do not discharge any liquid to storm drains or off-site.
7. Comply with the appropriate community-approved requirements for maintaining, servicing, and repairing underground storage tanks (USTs) and aboveground storage tanks (ASTs). This includes, but is not limited to, the following items:
 - a. Regularly inspect municipal tanks and dispensing system as required by the individual Grand Cities Community fire departments.
 - b. Maintain certification of the leak detection system.
 - c. Keep your spill prevention plan up to date.
8. Maintain any installed canopy or roof over aboveground storage tanks, especially when the secondary

containment units are open and can catch rainwater. If the rainwater in the secondary containment unit is contaminated by a hydrocarbon sheen, it must either be filtered or disposed of off-site. Do not discharge any liquid materials to storm drains, landscape, or pavement.

9. Maintain the fueling area to prevent run-on of storm water and control runoff of leaks and spills:

a. If covered, maintain the cover in the fueling area.

b. Maintain a perimeter or downgradient drain to collect spills and leaks or slope pavement to a central drain to collect spills and leaks. The drain should be connected to a simple sump (no other connection) or an oil/water separator.

c. Maintain the fueling area by applying a coating to protect the area from the spilled fuels.

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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Phone: (701) 746-2713
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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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