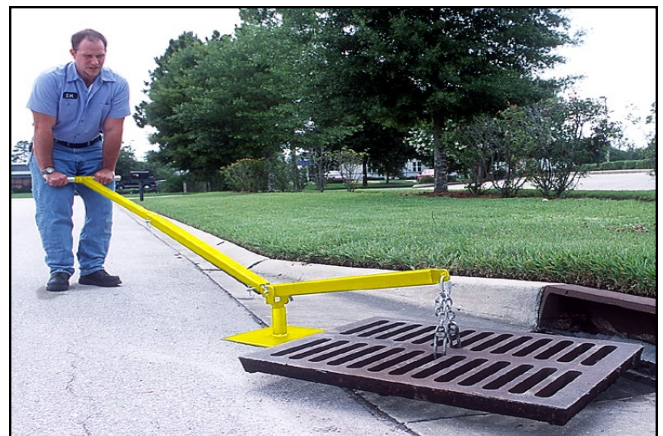


# FOR OUTDOOR WASHING ACTIVITIES:

## Commercially-Available Containment, Collection & Filtering Products for Stormwater Compliance



This document shows some of the products that are available on the commercial market to help those conducting outdoor washing activities achieve compliance with stormwater regulations. Not all products or product categories that are available on the commercial market are shown. The intention is to show a broad representation of what's available. Use of commercially available products is not necessary to achieve compliance. Similar “homemade” devices may prove to be just as effective depending on the application. Note that purchase and use of these or other products does not guarantee compliance. Proper use, application and maintenance of treatment and control devices are important in helping to achieve compliance. Structural controls and treatment devices should never be used as the only stormwater management practice. If used, they should be used in combination with good housekeeping and pollution prevention measures.



## **Portable dams**

- available in various sizes
- inflatable and non-inflatable available



Place vehicle or equipment on the pad and wash water will collect within the dam. A sump pump connected to a tank or a wet vacuum will collect the contained wash water.

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## **Storm drain covers and mats**

- These types prevent water and pollutants from entering a drain. A tight seal is important.
- Available in various shapes and sizes
- A sump pump connected to a tank or a wet vacuum will collect the contained wash water.



Attaches to storm drain grate without having to remove grate



Heavy mat placed over a drain. Some come with magnets to help create a better seal.



Water-filled drain cover conforms to the shape of the drain.



## **Storm drain filters**

- These types allow water to pass through, but filter out solids and debris (some also filter out oil/petroleum)
- Available in various shapes and sizes



This type covers the entire drain entrance and attaches without removing the grate.



For this type, the grate must be removed to slip the cover on.



Rock-filled bags placed around a storm drain will filter pollutants.



The grate must be removed to place this insert within a storm drain basin.



A natural fiber drain cover/filter that attaches to the top of a storm drain catch basin.



Oil absorbent socks and mesh screen can be effective at filtering pollutants.

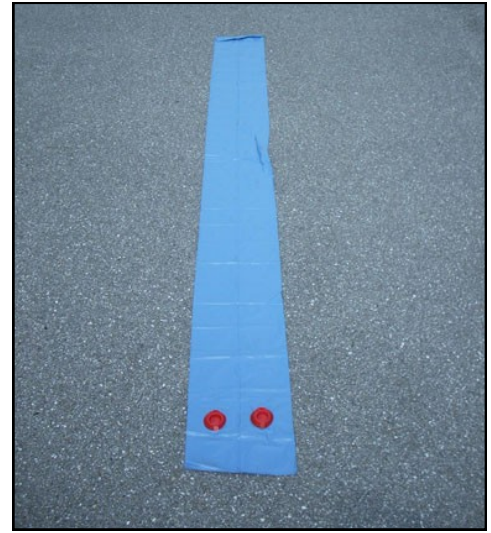


## Containment Berms

- Prevent water from entering a drain
- Available in various lengths and varieties
- A sump pump connected to a tank or a wet vacuum will collect the contained wash water.



Flexible urethane berm that conforms to cracks and crevices in pavement



This berm fills with water.



This berm fills with sand.

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## Drain Plugs

- Lift storm drain grate off and insert plug in pipe opening.
- Available in different varieties and sizes.
- A sump pump connected to a tank or a wet vacuum will collect the contained wash water.
- Inflatable pressure plugs may damage pipes if overinflated. If plugs are left in place, flooding may occur.



Inflatable pressure plug



Mechanical pressure plug



"The Pipe Plug" - patented polyethylene

## Commercial Vacuum Systems

- These systems are designed specifically to vacuum up wash water



The Vacuboom; purchase additional sections for extra length.



The Vacuberm



This all-in-one unit vacuums the wash water as it cleans the surface.



## **Miscellaneous Products**



Storm drain basin insert - fits into a storm drain catch basin and collects wash water as it enters. Insert a sump pump in the basin with a hose connected to a tank to collect water.



Storm drain grate lifter - allows one person to safely remove and replace a heavy grate.



A collection system designed specially to “lift” water. Comes with a triangular suction strainer on the end.

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## **Some websites where you can find products shown in this document:**

- [www.newpig.com](http://www.newpig.com)
- [www.spillcontainment.com/stormwater](http://www.spillcontainment.com/stormwater)
- [www.interstateproducts.com/stormwater](http://www.interstateproducts.com/stormwater)
- [www.dawginc.com/stormwater-pollution-prevention/stormwater-pollution-prevention.php](http://www.dawginc.com/stormwater-pollution-prevention/stormwater-pollution-prevention.php)
- [www.blocksom.com](http://www.blocksom.com)
- [www.ultimatewasher.com/water-containment-system.htm](http://www.ultimatewasher.com/water-containment-system.htm)
- [ww.spill911.com](http://ww.spill911.com)
- [www.detailking.com](http://www.detailking.com)
- [www.shopbowhead.com](http://www.shopbowhead.com)
- [www.newimagedetail.com](http://www.newimagedetail.com)
- [ww.pressurewash.com/catalog](http://ww.pressurewash.com/catalog)

The websites listed above are only provided as examples of companies where some of the products shown in this document can be ordered. None of the products or companies are endorsed by Charlotte-Mecklenburg Storm Water Services, nor is anyone who assisted in making this document involved in an ownership or employment capacity with any of the listed companies.