

# STORM DRAIN PROTECTOR

## Presents our Extraordinary Storm Drain Protectors!



Petro Barrier Systems offers complete protection solutions for Storm Drains. We have two unique products that can keep both oil sheen as well as large amounts of contaminants from entering large drains.



Our Storm Drain Basket Filters are comprised of a metal body that are filled with Petro Pads, containing our patented special absorbent materials.

Basket Filters can be easily inserted into storm drains, and are effective at removing oil sheen, while at the same time allowing for the easy passage of water into the drain.. In the case of a large spill however, the absorbent material Will quickly act to completely stop the Flow of liquids, preventing contamination of the water system. The Petro Pads can then be easily removed and replaced, ensuring cost effective ongoing protection.

**Protecting square storm drains is a snap!** See our website for details of how to measure your drain, to ensure the perfect fit.



Basket Filters are available in both standard and custom sizes, and can protect against a variety of contaminants.

### Performance Data:

Average water flow/sq. ft. surface area (2 layers of Petro Pads- 1"thick).	10 litres/minute
Oil removed/ sq. ft. of absorbent.	2.3 litres
Volume of water passing at 50 ppm of oil.	10,000 USG/sq. ft.



Round Basket Filters with rounded Petro Pads are available in a variety of sizes. Filters can also be fitted to rectangular and other unusually shaped drains.

For more information about **Petro Pads**, request our brochure about these remarkable multipurpose products!



# STORM DRAIN PROTECTOR

Want the benefits of the **Storm Basket Filters**, but also concerned about large amounts of grit and dirt entering the drain? How about adding the benefits of a miniature oil/water separator at the same time? **Yes, this sophisticated level of protection is now available in one efficient, compact device incorporating our patented technology.**

The **Storm Drain Barrier with Oil and Grit/Water Separator** can handle your complex **Storm Protection** needs!



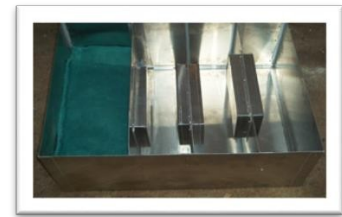
Essentially a miniature oil/water separator, this product is also excellent at preventing grit and dirt from entering the drain. It can be used on its own to keep oil sheen from entering the drain, and is most suitable in cases where a large spill of contaminants is likely.

**An optional floating pad can also be added to increase the amount of oil that can be handled.**

Ask us about how this device can be used in conjunction with the **Basket Filter**, to offer complete containment along with the ability to prevent debris from clogging the Basket Filter pads.



**Add an optional Petro Pad to increase the amount of oil that can be handled!**



This three stage separator ensures that a busy automotive car dealership meets local bylaws. Oil and sludge largely settle in the first two stages.

Water that is now relatively free of contamination passes into compartment three where the final treatment removes remaining contamination. **Not even oil sheen remains!**





# STORM DRAIN PROTECTOR

## Performance Data:

Flow rate (Normal rainfall, with 3 Barriers).	150 G/hr
Flow rate (High rainfall, with 4 Barriers) .	200 G/hr
Oil Removed by Barriers.	2 USG
<b>Volume of Water Passing Through Barriers (before blocking)</b>	
At 100 ppm oil in water.	16,000 USG
At 50 ppm oil in water.	32,000 USG
At 10 ppm oil in water.	160,000 USG

**Call today for a free quotation!**

