

Petro-Barrier™

Petro-Barrier™ provide Storm Water Drainage for both new or existing substations and tank farms. They are designed to drain large amounts of water, and vary in size, from 18" to 72" in diameter. SPI works with the customer to design the Petro-Barrier™ that works best for their application.

- 100% Passive Oil Spill Containment.
- Oil Has Never Escaped a Petro-Barrier™.
- Excellent Drainage.
- 1000's Installed Across North America.
- Most Cost Effective Fool Proof System.
- Little to No Maintenance.

NEW INSTALLATIONS



RETRO FIT SYSTEMS



Patented Technology

Flow Rates:

18" Petro-Barrier™

22 Gallons per minute

24" Petro-Barrier™

28 Gallons per minute

36" Petro-Barrier™

38 Gallons per minute

Flow rates will vary plus or minus 10%



A Drainage trench 12" deep runs around the south side of this substation for water drainage. The trench leads to (2) 30" wide x 5' long storm water drains. Grating is installed in the drains and crushed stone is used to fill the trench to slow water flow. The Petro-Barrier™ media is installed and topped off with clean crushed stone. This system has been exposed to flooding since its installation with no drainage problem.

SPI Professionally Installs the Petro-Barrier™ Media in Many Different Applications. If You Need Containment, SPI Can Resolve Almost Any Containment Issues.



Petro-Barriers™ are used at Hydro Plants for oil spill containment. These are some of the critical systems we have installed. If an oil spill was released in this environment, the impact would be felt for miles as the spilled oil would migrate. Petro-Barriers™ are used in many Hydro Dam applications, with excellent drainage, and 100% Oil Spill Containment.



SPI goes the extra mile. These Petro-Barriers™ were custom installed at a depth of 6'. Reinforced grating was bolted into the pipe and the Petro-Barrier™ media installed. This resolved an issue with the perforated pipe that was already installed.



SPI's Petro-Barrier™ completely protected this New York substation from oil escaping the contained area. 18 months after our installation, approximately 200 gallons of transformer oil leaked out of the mushroom on top of the transformer. All the oil made it's way to SPI's patented Petro-Barrier™. The 2" high dark area on the base of the wall shows the depth of the oil before clean up. After the oil was cleaned up, we responded and absorbed the remaining oil. The Petro-Barrier™ media that had reacted with the oil was removed, leaving fresh unused product. The sump was repacked with the media.