GEOJET

HYDROCARBON FILTER

JET FILTER

THE

Plastic Piling Company

www.plasticpiling.ninja

Tel 01543 677290

PETROLEUM IMPACTED WATER

CONTROLS SOIL-BORNE POLLUTION

CONTAIN & REDUCE HYDROCARBONS

ECO-FRIENDLY

SUSTAINABLE SOLUTIONS

EROSION CONTROL

TEXTILE FOR WATER QUALITY IN SOILS

GLOBAL LEADER

JET FILTER

Made in USA

ADVANCED DRAINAGE TECHNOLOGY

The **Maintainable Weep Hole Filters** by JET Filter System, with more than **300,000 units installed across the globe**, offer a solution to the challenges of retaining wall maintenance. By allowing water to drain and preventing soil loss, these filters will reduce water pressure and avoid soil erosion, which can otherwise lead to retaining wall failure.

"Road-run-off carries hydrocarbons that infiltrate surrounding soils, contaminate groundwater and flow through soils into our water ways"

Introducing the GEOJET

MULTI-LAYERED FILTRATION AND POLLUTION CONTROL
BIODEGRADATION AND HYDROCARBON MANAGEMENT

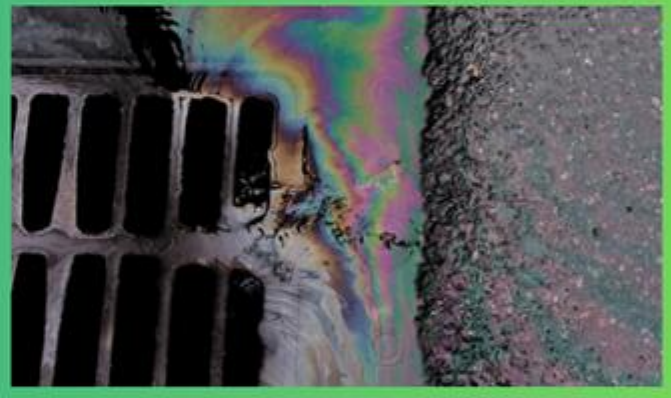
Combining these systems can provide a multi-tier defense against environmental and structural issues.

Pressure Relief, Erosion Control & Water Quality:

Maintenance and Longevity: The maintainable feature of the JET Filter and GEOJET, which allows for easy cleaning and replacement of the filter textile, means that the combined system can function effectively over a long period without significant maintenance issues. This reduces the overall lifecycle cost and enhances the sustainability of the project.

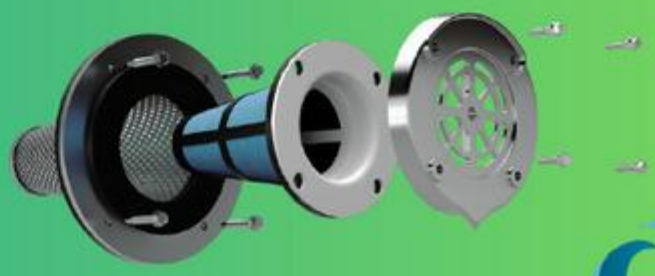
SUSTAINABLE SOLUTIONS

We are dedicated to building a sustainable future through the adoption of clean and green technologies.
Our commitment to environmental conservation drives us to provide the optimal drainage solutions for a sustainable future.
JET Filter System, LLC will continue its efforts to promote sustainability and contribute to a cleaner, greener planet.



BLUE ECONOMY

Helping to preserve the health of our planet



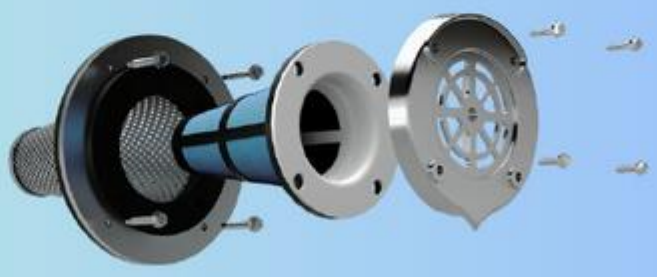
ENVIRONMENTAL IMPACT

Textile Active Oil Biodegrading

Geotextile- Woven Filter Weave

ENHANCED FILTRATION

The GEOJET's ability to biodegrade hydrocarbons and the geotextile soil filtration work together to ensure that water exiting the system will reduce hydrocarbons and eliminate soil erosion. This is especially beneficial in areas prone to high pollution and where the quality of water and soil contamination is a critical concern.



ENVIRONMENTAL IMPACT

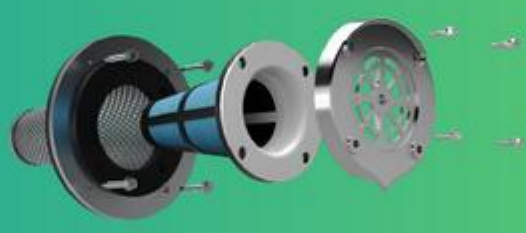
GEOJET CLEANS WATER BY BREAKING DOWN DIFFUSE OIL & ACTIVATING THE GROWTH OF AN OIL BIODEGRADING ECOSYSTEM

CONICAL
MAINTANABLE
WEEP HOLE
FILTERS

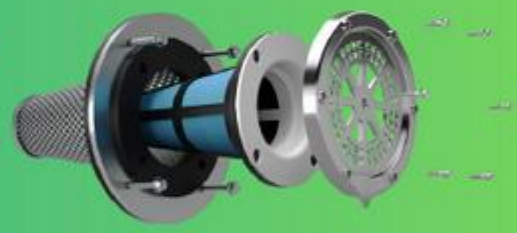
OPEN-END

FREE FLOW

GEO3SS



GEO4SS

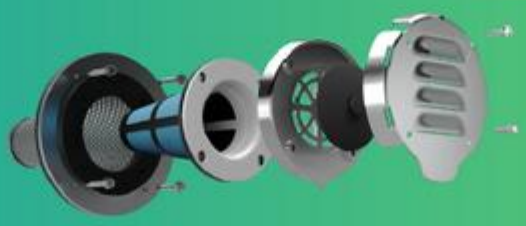


GEO6SS

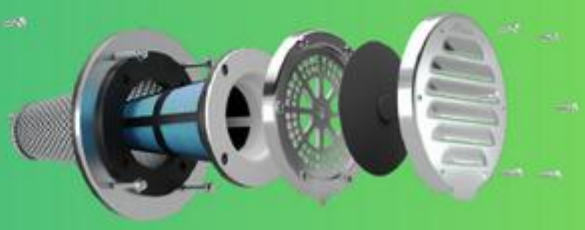
CLOSED-END

BACK FLOW PREVENTER

GEO3SSCVLV



GEO4SSCVLV



GEO6SSCVLV

VERSATILE SOLUTION TO

PROTECT THE WATERWAYS

The GEOJET is highly adaptable and can be customized to fit various project needs, from urban infrastructure in coastal areas to inland water management systems. The flexibility in design and application makes it suitable for a wide range of environments and project requirements.

Multi Layered Textile with Pollution Control & Biodegradation of Hydrocarbons

The GEOJET has a unique capability to trap and biodegrade hydrocarbons, including oils and polycyclic aromatic hydrocarbons (PAHs), which are common in urban runoff. The textile uses natural microbial processes enhanced by a growth activator embedded within the textile. This feature ensures that hydrocarbons are not just trapped but are actively broken down, thereby reducing environmental pollution.

BIODEGRADATION OF POLLUTANTS

ENHANCED ENVIRONMENTAL PROTECTION

Preserve Your Earth Retaining Structures with JET Filter's Dedication to Providing Innovative Solutions for Failure Prevention.

The JET Filter was originally invented as a component for weep holes to preserve coastal seawalls that were failing from inadequate or failed drainage systems.

Easy Maintenance, Environmental Friendly and Sustainability

The maintainable aspect of the JET Filter System allows for easy access and replacement of the filter components, including the geotextile and potentially the active oil biodegrading textile. This feature ensures that the system can be kept at optimal functionality with minimal downtime, promoting long-term operational efficiency.

Longevity

By combining the biological degradation capabilities of the GeoJet with the mechanical soil filtration system, stakeholders can achieve a comprehensive approach to environmental management and infrastructure maintenance.

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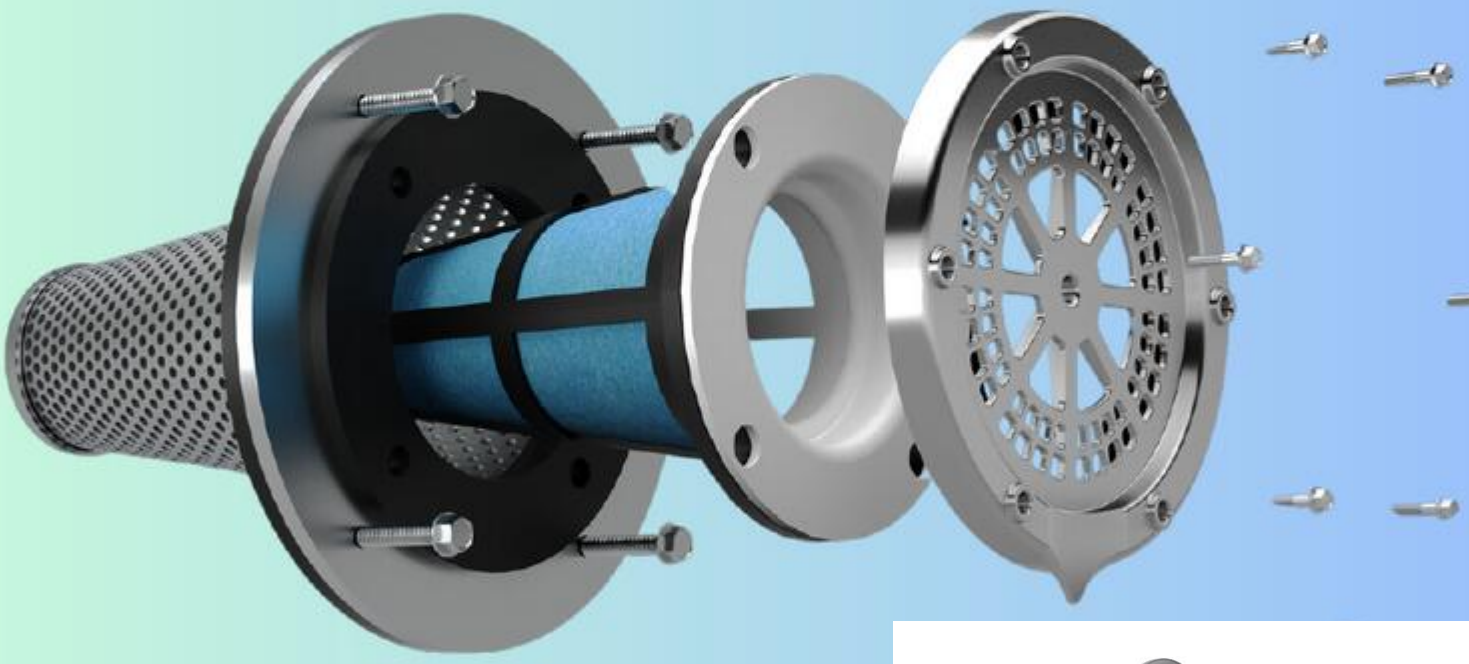

US PAT #7,615,148, US PAT #10,124,281, US PAT #10,731,317