

# ACO Surface Water Management

Lukoil Petrol Station, May 2012



## Lukoil Petrol Station - Trakia Infiltration system for Commercial Areas

Lukoil Petrol Station on Trakia Highway

The Lukoil petrol station, located on Trakia highway is part of a commercial area, which is planned to include fast food area and truck parking.

The main objectives of the Design Engineer of the project Mrs. Elena Trendafilova are to provide effective drainage of the site, that will stand the heavy vehicles traffic from the highway and to guarantee treatment of collected surface waters in compliance with all local regulations.

The Design Engineer prepares all necessary calculations and installation details and specifies a complete surface water management solution.

“Working with the ACO Design and Service team gives me confidence. I always get the correct technical information on time. I chose ACO because you have a good range of product for specific projects – like large water quantities or a demand for compact equipment”, says Mrs. Trendafilova.

The effective drainage in the area with intensive heavy traffic is designed with ACO Monoblock channels to guarantee optimal stability. The collection of surface water is additionally supported with point drainage in the areas of lower traffic where ACO Multitop street gullies are installed.

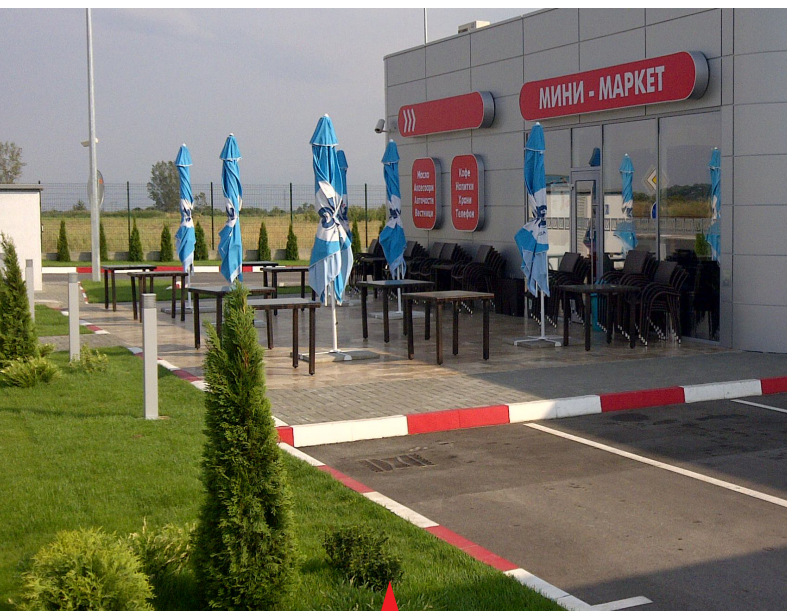
The collected surface water is cleaned in the ACO ECO Plus oil separator to ensure that the project complies with the requirements of local regulations for release of treated water in natural water basin without potential danger of pollution with oil products.

ACO provides complete Surface Water Management for Lukoil Petrol Station on Trakia Highway – surface water is collected by line and point drainage, treated in oil separator and safely released.





The ACO Monoblock drainage channels are a reliable solution for the heavy traffic



ACO Multitop street gullies



ACO ECO Plus oil separator is installed in the restricted service area

## Reference at a glance

**Project:** Lukoil Petrol Station  
**Location:** Trakia Highway  
**Client:** Lukoil Bulgaria  
**Designer:** Elena Trendafilova  
**Builder:** Bibov & Co.

**Year of construction:** 2012

**ACO Products:**  
 70 m ACO Monoblock - drainage channels  
 6 pcs. ACO Multitop street gullies  
 1 pcs. ACO ECO Plus oil separator  
 2 pcs. ACO Vario shoescrapers

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