

ACO Surface Water Management

NIS Petrol Stations, December 2012



NIS Petrol Stations - Trn

SWM system for Commercial Areas

NIS Petrol Station in Trn-1 - Banja Luka

NIS Petrol Stations Trn-1 and Trn-2 are located at the outskirts of the city of Banja Luka, on the highway to Gradiška. The preparations for the reconstruction and modernisation of these facilities are recently completed.

The main objectives of the Design Engineer of the project 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 detail and specifies a complete surface water management solution.

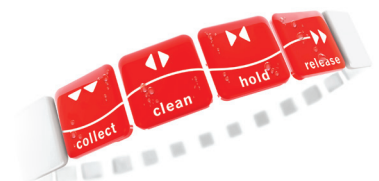
Working with the ACO Design and Service team gives you confidence. You always get the correct technical information on time. ACO has a wide range of product for specific projects.

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

ACO Servocat covers are installed to ensure easy access to the oiltanks wich are placed in heavy traffic area.

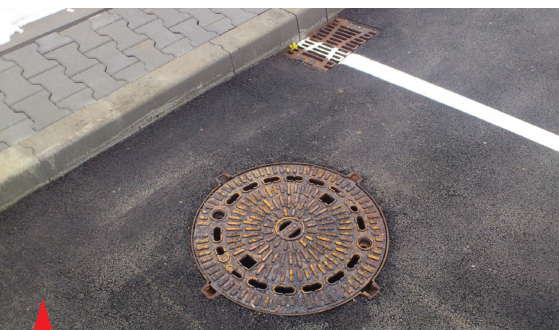
The collected surface water is treated in the ACO Oleopator oil separator and sanitary waste water is treated in the ACO Clara WWTP to ensure that the project complies with the requirements of local regulations for release of treated water in natural water basin without potential danger of pollution with oil products.

ACO provides complete Surface Water Management for NIS Petrol Station lokated in Trn-Laktaši - surface water is collected by line and point drainage, treated in oil separator and safely released.





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



ACO Multitop street gullies and covers



ACO Servocat access cover



ACO Oleopator petrol and light mineral oil separator (on the left) and ACO Clara Wastewater Treatment Plant

Reference at a glance

Project: NIS Petrol Station
Location: Trn-Laktaši
Client: NIS Petrol d.d. Laktaši
Year of construction: 2012

ACO Products:

- 104 m ACO RD Monoblock 100 V channels
- 8 pcs ACO RD Monoblock 100 V channels with access opening
- 16 pcs ACO City Top D 400 covers
- 6 pcs ACO City Top D 400 street gullies
- 6 pcs ACO Servocat - GD access cover
- 1 pcs ACO Oleopator NS 15 class 1
- 1 pcs ACO Clara 12 L with PP shaft

ACO d.o.o. Sarajevo

Ul. Ismeta Alajbegovića Šerbe 12
 71210 Ilidža - Sarajevo
 Bosna i Hercegovina
 Tel.: +387 33 768 910
 Fax: +387 33 768 911

www.aco.ba