

# WATER MANAGEMENT CASE STUDY

**Company: Holcim**

**Location: Alicante – Foncalent, Spain**

**Type of site: Quarry**

**Potential impact on water or groundwater**

In a quarry, cleaning and maintenance operations for lorries and mobile equipment are very common.  
The water used for those purposes could be polluted with oil, fuel, etc. and this could lead to a soil and groundwater contamination.

**Action on**

Other waste treatment / Housekeeping

**Description of the good practice**

To avoid this problem, the company has built a lorry and machinery washer and water recovery device. A filtering system for water cleaning has been installed, consisting in a pond and a laminar separator for oil, hydrocarbons and particles over 200 microns. The efficiency of the separator is 97-98%.  
The area has been prepared for maintenance works with a concrete layer.

**Description of the positive effects on water/groundwater**

Elimination of the risk of water / groundwater pollution  
Minimization of water consumption

**Status**

In 2018, the project was still on-going

