

Resilient Building Toolkit Adaptation Measures Factsheet

Name and description of measure: Oil separator

An oil separator separates oil from water from fuel spillage and other contaminants, where it is retained safely until removed. These are usually fitted to surface water drainage systems to help protect the environment and encourage the reuse of the water.

Cost of measure (high, medium or low):

Medium – high (depending on the size of the unit)

Pros and Cons:

Pros

Lessens the impact of a pollutant on the environment.
Helps save money by encouraging the reuse of water.

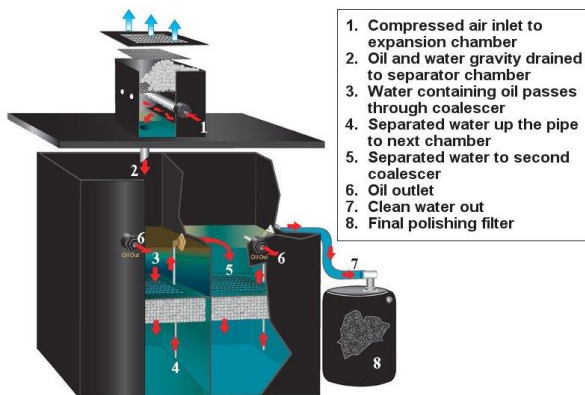
Cons

Can be costly to maintain.
If not properly managed can lead to polluting surface and ground water.
If unit is small then can lead to the oil not being separated properly.

Effectiveness of measure (high, medium or low):

Low – medium if using Sustainable Urban Drainage Systems. See flow chart to determine if oil separator is required (See pg. 3 of PPG3 guidance).

Photos:



Below ground oil separator



Above ground oil separator



Further information:

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/290142/pmho0406biyl-e-e.pdf