

11 August 2006

Peter Stockley  
Oilbarriers Ltd  
peter@oilbarriers.co.nz

Dear Peter

### Acceptance of Petro-Pipe filter system for filtration of hydrocarbons

This is in response to your e-mail of 10 April 2006 requesting acceptance of the Petro-Pipe filter system as effective in trapping oils and other hydrocarbons when mixed with rainwater. You have advised us that the immediate use would be in the Power Industry to filter rainwater runoff from bunded areas holding Transformers or bulk oil.

We are now satisfied that the information you have supplied demonstrates that the Petro-Pipe system is fully effective in trapping hydrocarbons. Your testing indicates outflow hydrocarbon concentrations of less than 1.0 mg/l from water/hydrocarbon mixtures consistent with spill events within a bunded area. These concentrations are well within tolerable values; for instance, Chapter 10 of ARC's guideline TP10 specifies 15 mg/l as an acceptable limit for treated outflows from petrol stations.

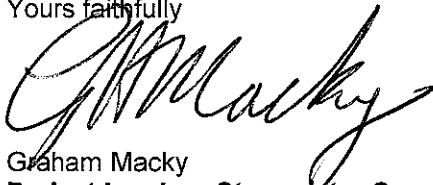
Our acceptance presumes that provision is made for:

- Adequate bunding to intercept likely spill volumes and rainfall
- Inspections frequent enough to detect a blocked filter before overflows occur.

Our acceptance of Petro-Pipe does not extend at this stage to use for filtering normal stormwater runoff from paved surfaces, in which oils may be present in an emulsified form. Further test data, representative of those conditions would be needed.

If you have any questions or comments, please do not hesitate to contact the writer (on phone 366 2000 ext. 8092).

Yours faithfully



Graham Macky  
**Project Leader - Stormwater Quantity**

cc. Sue Ira  
**Team Leader – Stormwater Consents**

Rowan Carter  
**Team Leader – Urban Pollution Response**



Auckland  
**Regional Council**  
TE RAUHITANGA TAIAO

21 Pitt Street  
Private Bag 92 012 Auckland  
New Zealand  
DX CP 28 008 Pitt St  
Telephone +64 9 366 2000  
Facsimile +64 9 366 2155  
www.arc.govt.nz

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