





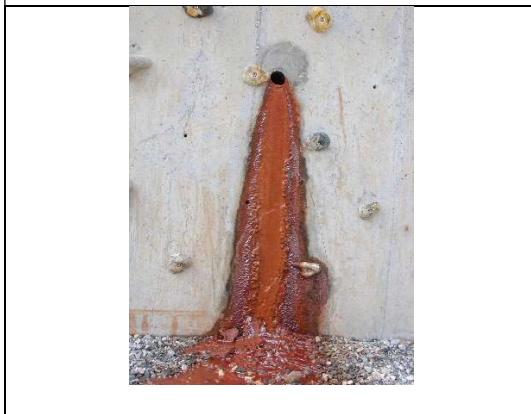
CASE STUDY

New and Existing Retaining Walls (after landslide)

Client Name:	University of Arts
Client Address:	Taiwan
Job Start:	2000
The situation:	<p>The site was suffered from a serious typhoon rain causing huge area of land slide. The buildings uphill were imminently endangered. Also, the local ground water contains minerals like iron oxide which will cause blockage for any traditional drain materials very quickly.</p> <div style="display: flex; justify-content: space-around;">   </div>
The solution	<p>Several fence of walls were constructed. The upper walls use back wall drainage. The photo showed that all traditional pipes failed and Capiphon pipes remain draining.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Holes were drilled into the existing walls to insert Capiphon drain pipes up to 10 meters deep. But the consultant was not so confident with Capiphon. So, he specified that 2- traditional pipes were used in between the Capiphon pipes.</p> <div style="display: flex; justify-content: space-around;">   </div>



Four years later, the water running from the Capiphon pipes was clear, even though there was obvious mineral deposits outside the outflow pipe occurring as the minerals in the water were oxidised in contact with the air.



Equally obvious is the fact that there has been no flow from the conventional pipes.