

# UMP SHARES NEWFOUND INNOVATION IN WASTEWATER TREATMENT

“The public should be aware of the importance of treating our wastewater, because eventually, this water will be released into our rivers.



**U**niversiti Malaysia Pahang (UMP) shares newfound innovation in wastewater treatment when its lecturer Abdul Syukor Abdul Razak from the Faculty of Civil Engineering & Earth Resources (FKASA) discovered a method to treat domestic wastewater using several organic plants to rid of contaminants.

Research & Innovation

The method – using the *python green* and *inclined plate clarifier* system – is currently being applied to a pilot project collaboration between UMP and Ranhill Utilities Bhd. at the wastewater treatment lodging and oxidation pond of Taman Anggerik Phase 1 in Johor Bahru.

Other parties to the joint effort are Hitachi Plant Bhd., DGE Group and a government agency from Denmark, DANIDA.

An official ceremony to mark the multi-party collaboration was recently organized by the Johor Bahru City Council, in conjunction with the Wastewater Treatment Open Day at Taman Anggerik Phase 1.

Themed “Water for the City: Needs & Challenges”, the ceremony was officiated by the Chairman of the International Trade & Industry, Energy, Water, Communications & Environment Committee, Tan Kok Hong,



on April 2, 2011.

Also present at the ceremony were UMP Vice-Chancellor, Professor Dato’ Dr Daing Nasir Daing Ibrahim; Johor Bahru City Mayor representative, Aishah Abdul Kapi, who is the City Council’s Deputy Secretary; and Ranhill Utilities Chief Executive Officer, Ahmad Zahdi Jamil, who is also the President of the Water Association of Malaysia.

According to Tan, he hoped admirable cooperation such as this, involving local authority, private sector and public university in contributing to public good would extend to the whole state of Johor, in particular, and nationwide, in