

Case history brief:

Location:	Negeri Sembilan, Malaysia
Application:	Filtration of river water
Capacity:	500 m ³ /hr
Clarification:	SST removal
Chemicals:	Aluminium based coagulant and flocculant when required
Installation:	Turnkey, 2004

Case history features:

In order to produce drinking water from river water KWI installed 6 x 148 m³/hr lamella settlers and 12 x KSF 5-2 Sandfilters; the river is subject to spate conditions during wet season and turbidity goes up above 800 NTU's.

Lamella settlers act as roughing filters before KS Filters; the plant was installed in a remote forested area and a new road had to be built to get the equipment on site. The plant was installed in 2003 and started in 2004.



The finished installation

Location
Negeri Sembilan,
Malaysia

Application
Filtration of river
water

Equipment
148m³/hr lamella
settlers,
KSF 5-2 Sandfilters

Year
2004



Lamella settler being transported along forest track



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1st Lamella settler in position



Clarified water overflow from
lamella settler

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Filtered water overflow KSF.



Airlift detail KS Filter air line