



AQUACULTURE AGRICULTURE AND POLLUTION



FORENSIC SERVICES
Consulting Scientists and Engineers



POLLUTION

Left:

The single IBC tank in the forefront contained a dye, the spillage of which resulted in more than 1000 jumbo sacks of contaminated soil.

FSA determined the cause of spillage and advised on possible consequences of contamination of waterways and methods of disposal of the dye.

Photo on cover:

Spillage from a oil tanker resulted in a claim for damage to kilometers of silt curtain. FSA investigated, inspecting the curtain above and below the waterline.

It was determined that less than 10% of the curtain was affected and the contamination could be removed with environmentally approved detergents.



AGRICULTURE

Above:

Typical kiln at a charcoal factory. After a charcoal factory was established next to a rubber plantation, the farmer claimed reduction of latex yield and loss of livestock. FSA investigated and gave evidence in court in Malaysia, with the farmer being awarded damages.

Left:

The photo on the left shows the path between rows of rubber trees. The haze in the background is from the charcoal factory.





FSA consultants taking water samples from Tilapia ponds

AQUACULTURE

Forensic Services has expertise in the management of fresh and seawater aquaculture ponds in Scotland and Malaysia. Successful fish farming is not just about the fish. A truism is that if you manage the water, the fish will thrive. Modern fish farming requires detailed monitoring of water quality, along with pumps, aerators, filters and power backup. Many fish losses have their origin in equipment failures and the absence of basic backup capabilities.



Autopsy of Arowana to recover identifying chip. Owner had claimed loss of prize Arowana following lightning strike.



Examining Tilapia for signs of disease

If you have a loss where it is claimed that fish have died as result of a lightning strike, do you carry out autopsies on the fish, review the circumstances around the alleged strike, or assess the level of power backup?

The answer is all three and this is why FSA can offer an unrivaled service with a range of engineering and science disciplines to select from.



AQUACULTURE AGRICULTURE AND POLLUTION



FORENSIC SERVICES
Consulting Scientists and Engineers