

Waste Management

Environmental Consulting Services



EARTH SYSTEMS LAO

Environment – Water – Sustainability

CAPABILITIES

Earth Systems Lao provides specialist expertise in the management of municipal, industrial and hazardous waste. Earth Systems Lao staff and associates have solid experience working with the private sector and governments on waste management projects throughout Asia, including China, India, Pakistan and Vietnam as well as Australia.

SERVICES PROVIDED

- Waste management strategies & master plans
- Waste minimisation studies
- Cleaner production strategies
- Resource/energy recovery technology evaluation
- Emerging waste technology evaluation
- Waste characterisation and forecasting
- Waste Facility Environmental Management Plans
- Statutory approvals
- Environmental compliance monitoring and audits
- Siting, environmental evaluation and design of waste management facilities
- Leachate and landfill gas monitoring, treatment and management

- Landfill hydrologic modeling
- Landfill rehabilitation and post-closure management plans
- Waste haulage analysis and transfer station development evaluation
- Biomedical waste management
- Bioremediation (Composting)

PROJECT EXPERIENCE

Recent experience includes:

- Specialist advice in the development of a Solid Waste Master Plan as part of the AusAID Da Nang Water Supply and Sanitation Project in Vietnam
- Development of a Solid Waste Management Strategy for the City of Zhongshan, Guangdong Province, China.
- A review and assessment of Japan International Cooperation Agency (JICA) for funding of Vientiane Municipalities' SWM infrastructure and management capacity 1992-2003, Lao PDR
- Siting and design of a landfill facility for the treatment, storage and disposal of hazardous wastes produced in Hyderabad, South India (World Bank, AusAid Project)
- Design of a Municipal and Waste Transfer and Resource Recovery Centre in Hobart, Tasmania Australia
- Feasibility study, design and business planning for a regional composting facility in Alice Springs - Central Australia



Trucks loaded municipal wastes to be dumped at the landfill (left) and recyclable materials to be sold by Lao Chareon Recycling Company (right) in Vientiane, Lao PDR.

***For further information, please contact
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