

## ABBREVIATIONS

3Rs	Reduce, reuse, recover (in the context of waste minimisation)
ABC	Action Plan for a Beautiful and Clean Malaysia
AD	Anaerobic Digestion
AFSB	Alam Flora Sdn. Bhd.
BAT	Best Available Technique
BATNECC	Best Available Technology Not Entailing Excessive Cost
BBC	Buy Back Centres
BOD	Biochemical Oxygen Demand
BPEO	Best Practicable Environmental Option
CA	Concession Agreement
cap	capita
CAPEX	Capital Expenditure
CDC	Curriculum Development Center
CHP	Combined Heat and Power
CMIS	Central Management Information System
COD	Chemical Oxygen Demand
CWM	Clinical Waste Management
DANCED	Danish Cooperation for Environment and Development
DBKL	Dewan Bandaraya Kuala Lumpur
DG	Director General
DID	Drainage and Irrigation Department
DLG	Department of Local Government
DOE	Department of Environment
DOS	Department of Statistics
EfW	Energy from Waste
EIA	Environmental Impact Assessment
EPU	Economic Planning Unit
EQA	Environmental Quality Act
EXCO	State Executive Committee
FCR	Full Cost Recovery
FG	Federal Government
F/S	Feasibility Study
FIRR	Financial Internal Rate Return
GDP	Gross Domestic Product
GIS	Geographical Information System

## ABBREVIATIONS

GOM	Government of Malaysia
GSP	Genting Sanyen Paper
HA (ha)	Hectare
HDPE	High Density Polyethylene
IWK	Indah Water Konsortium Sdn. Bhd.
ICT	Information and Communications Technology
IETC	International Environmental Technology Centre
IRPA	Intensified Research In Priority Areas
ISWA	International Solid Waste Association
JETRO	Japan External Trade Organization
JICA	Japan International Cooperation Agency
KA	Kualiti Alam Sdn. Bhd.
Kg/cap/day	kilograms per capita per day
KL	Kuala Lumpur
KTMB	Keretapi Tanah Melayu Berhad
LA	Local Authority
LAP	Local Areas Plan
LDPE	Low Density Polyethylene
LGA	Local Government Act 1976
LI	Light Industry
LIBOR	London Inter Bank Offered Rate
LP	Local Plans
MARDI	Malaysian Agriculture Research & Development Institute
MBJB	Majlis Bandaraya Johor Bahru
MCA	Malaysia Chinese Association
MIS	Management Information System
MPBP	Majlis Perbandaran Batu Pahat
MPJBT	Majlis Perbandaran Johor Bahru Tengah
MDK	Majlis Daerah Kulai
MPKI	Majlis Perbandaran Kluang
MDM	Majlis Perbandaran Muar
MPPD	Majlis Perbandaran Port Dickson
MPN	Majlis Perbandaran Nilai
MDS	Majlis Daerah Segamat
MHLG	Ministry of Housing & Local Government

## ABBREVIATIONS

MINT	Malaysia Institute for Nuclear Technology Research
MIS	Management Information System
MPPJ	Majlis Perbandaran Petaling Jaya
MNI	Malaysian Newsprint Industry
MOE	Ministry of Education
MOH	Ministry of Health
MOSTE	Ministry of Science, Technology and Environment
M/P	Master Plan
MPK	Majlis Perbandaran Kelang
MPMA	Malaysian Plastic Manufacturer Association
MPMBB	Majlis Perbandaran Melaka Bandar Bersejarah
MPPP	Majlis Perbandaran Pulau Pinang
MPS	Majlis Perbandaran Seremban
MPSP	Majlis Perbandaran Seberang Perai
MRC	Mobile Recycling Centres
MRF	Material Recovery Facilities
MSC	Multimedia Super Corridor
MSL	Minimum Service Levels
MSWA	Municipal Solid Waste Association
MUCED-I&UA	Malaysian Universities Consortium for Environment and Development-Industry & Urban Areas
NCLG	National Council for Local Government
NDP	National Development Policy
NEC	New Economic Policy
NEEP	Newspaper Environment Education Programme
NGO	Non-government Organisations
NIMBY	Not-In-My-Back-Yard
NLC	National Land Code 1965
NPPC	National Physical Planning Council
NPV	Net Present Value
NSP	National Strategic Plan
NST	New Straits Times
NWISB	Northern Waste Industries Sdn. Bhd.
NVP	National Vision Policy
NWRS	National Water Resources Study

## ABBREVIATIONS

OBW	Other Bulk Waste
OPEX	Operation Expenditure
OPP3	Third Outline Perspective Plan
PBTPG	Pihak Berkuasa Tempatan Pasir Gudang
PET	Polyethylene Terapthalate
PHA	Public Health Assistants
PHI	Public Health Inspectors
POPs	Stockholm Convention on Persistent Organic Pollutants
PP	Polypropylene
PREP	Public Relations and Education Programme
PS	Polystyrene
PSN	National Spatial Plan
PSS	Privatisation of Sewerage Services
PVC	Polyvinyl Chloride
RESP	Rural Environmental Sanitation Programme
RFN	Rancangan Fizikal Negara (National Physical Plan)
RDF	Refuse Derived Fuel
RM-7	Seventh Malaysia Plan
RM-8	Eighth Malaysia Plan
SDBA	Street, Drainage and Building Act 1974
SERI	Socio-Economic & Environmental Research Institute
SG	State Government
SIRIM	Standard & Industrial Research Institute Malaysia
SP	Structure Plans
SPC	State Planning Committee
SSA	Sewerage Services Act 1993
SSD	Sewerage Services Department
SWM	Solid Waste Management
SWMAE	Selangor Waters Management Authority Enactment
SWMSB	Southern Waste Management Sdn. Bhd.
TCPA	Town and Country Planning Act, 1976
TOR	Terms Of Reference
TPD	Tonne Per Day
TSS	Total Suspended Solids
UKM	Universiti Kebangsaan Malaysia

## ABBREVIATIONS

UM	Universiti Malaya
UPM	Universiti Putra Malaysia
UMS	Universiti Malaysia Sabah
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific Cultural Organisation
USM	Universiti Sains Malaysia
UTM	Universiti Teknologi Malaysia
WHO	World Health Organisation
WMP	Waste Management Plan
WTP	Willingness to Pay
WWF	World Wildlife Foundation
YEC	Yachiyo Engineering Co. Ltd.