

Table 1 – Waste – a guide to processing

Waste	Disposal	Comments	Industry
200 litre plastic drums	Shred and add to other plastics		all
200 litre metal drums	Wash and reuse on site, or crush for recycling	Do not allow locals to take away to use	all
Aerosol cans	Pierce and incinerate before recycling	Do not incinerate unless pierced	all
Aluminium Cans	Crush and bale for recycling		all
Bitumen	Store for melting and re-use		Construction
Blasting waste	Re-use		Construction
Cables	Strip and recycle		Construction
Card	Bale and recycle		all
Chemicals	Neutralize, evaporate, incinerate, return to vendor	May require specialist treatment	Petrochemical
Concrete	Crush and use as aggregate		Construction
Dry batteries	Recycling or if not viable, encapsulating in cement		all
Electrical goods	Donate locally or use specialist shredding machine		all
Filter media	Return to supplier where possible, otherwise GAC can be incinerated	GAC (Granular Activates Carbon) can be incinerated and landfilled	petrochemical
Filters	Drain, incinerate, crush and recycle		all
Food cans	Wash, crush and bale for recycling	Wash to remove chance of smells and rodents	all
Garden waste	Compost	14 day rocket composter	all
General construction waste	Shred or recycle, or both	Local reuse if good enough	construction
Glass	Crush for use in concreting		all
Grease trap waste	Incinerate	Screw conveyor required	all
Incinerator ash	Landfill or mix with concrete for road blocks		all
Insulation	Reuse by local communities for building materials		construction
Kitchen oil	Store for diesel substitution or incineration	Filtration and methanol mixing required	all
Light fittings	Crush in light fitting unit	Separates glass metal and mercury	all
Medical waste	Incinerate immediately		all
Metals	Store for recycling		all
Oil	Store for recycling		all
Other plastics	Shred and store to recycle		all
Paints	Use complete contents, then incinerate, crush and recycle		all
Paper	Bale and recycle		all
Pigging waxes	Incinerate	Once checked for LSA. Screw conveyor required	petrochemical
Plastic Bottles	Segregate types, bale and recycle		all
Plastic Film	Bale for recycling		all
Polystyrene	Polystyrene reducer machine		all
Rags	Use as soak up and incinerate, compost cotton		all
Sewage sludge	Dehydrate and compost or incinerate	Dehydrator can be attached to vacuum tanker	all
Tank Sludges	Incinerate		all
Tetrapaks	Bale for recycling, with cardboard		all
Tyres	Shred and recycle or use as landfill cover (exc UK/EU)		all
Wet Batteries	Store and neutralise for recycling	Safety issues	all
Wet Food	Dehydrate and compost	FOWEX machine and rocket composter	all
Wood	Remove nails, reuse or incinerate		all

