

Waste licence Application – Atlas Ireland.

Attachment E4

E.4. Waste Handling considerations for each waste stream accepted on site

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Table E 4.3 Summary of Proposed New Wastes for Acceptance

Waste Type	EWC Code	Haz. Or Non Haz.	Quantity MT p. a.	Method of Recovery/ Disposal	Handling & Storage Considerations
Solvents - Chlorinated and non Chlorinated	140603	Haz.	3000	Off Site Disposal	<ul style="list-style-type: none"> • Non-compatible chemicals must be segregated accordingly. • Chemicals will be collected and stored in UN approved containers in banded areas or in designated underground storage tanks (double skinned with interstitial monitoring). • Hazard identification labels will be posted in the immediate storage area and on all individual containers. • Ex Rated equipment and appropriate procedures will be used to load & unload flammable materials. • Store in a cool well ventilated area.
Mixed Fuels - Petrol and Diesel	130701 130702	Haz.	250	Off Site Disposal	<ul style="list-style-type: none"> • Ex Rated equipment and appropriate procedures will be used to load & unload flammable materials. • Store in a cool area. • Flammable materials will be stored in an underground storage tank (double

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Sludge	070511 070512	Non Haz	30,000	Off Site Disposal – Local Landfill	<p>skinned with interstitial monitoring).</p> <ul style="list-style-type: none"> • Sludge will be dispensed into a sealed hopper area. • Hopper are will have automatic negative ventilation preventing the release of any fugitive odours. • Sludges will be accepted on site in fully enclosed containers.
Brakefluid	160113	Haz.	25,000 l	Off Site Disposal	<ul style="list-style-type: none"> • Store in a cool well ventilated area away from oxidizers and ignition sources. • Store in a bunded area.
Antifreeze	160114 160115	Haz.	25,000 l	Off Site Disposal	<ul style="list-style-type: none"> • Keep away from strong oxidizing agents. • Make provision for emergency eye wash and emergency shower unit in storage vicinity. • Keep away from high temperatures & flammies. • Store in a cool dry place with adequate ventilation. • Store in a bunded area.
Windscreen washer	200130	Non Haz.	70	Off Site Disposal	<ul style="list-style-type: none"> • Keep containers securely sealed. • Store in a cool, dry, well-ventilated area. • Protect containers against physical damage and check regularly for leaks. • Store in a bunded area

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Oily Solid wastes	130503	Haz.	5,025	Off Site Disposal	<ul style="list-style-type: none"> • Keep away from high temperatures & flames. • Store in a cool dry place with adequate ventilation. • Keep away from high temperatures & flames.
Tyres	160103	Non Haz	4,000	On Site Recovery	<ul style="list-style-type: none"> • Tubes will be stored in appropriate sealed containers prior to recovery.
Fluorescent tubes	200121	Haz.	50	Process for off Site Recovery	<p>On-site Processing</p> <ul style="list-style-type: none"> • Tube will be broken down with glass sent for recycling. • PPE will be supplied to protect operators. • Mercury will be recovered carefully to avoid operator exposure. • Label the lamp storage area "Spent Mercury-containing lamps". • Store lamps in a manner that will prevent them from breaking, if lamps are broken store them in tightly sealed containers as "Spent Mercury-containing lamps".
Aerosol cans	160504 160505	Haz.& Non Haz	20	Process for Off Site Metal recovery - Local Agent	<ul style="list-style-type: none"> • Do not store in sunlight. • Do not puncture. • High temperatures may cause bursting. • For storage, pallets and cases should be placed to avoid damage or rupture

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Windscreen glass	160120	Non Haz	7,000	Off Site Recovery	<ul style="list-style-type: none"> from material handling equipment. Ventilate any area where the harmful atmospheres may exist. Eliminate sources of Ignition. Guard against static electricity.
Waste batteries	160601 160602 160605	Haz.	3,000	Off Site Recovery (Possible future on-site recovery)	<ul style="list-style-type: none"> Store in area away from traffic routes. Store in covered skips/containers. Batteries must be protected during storage so that the short circuits are protected and the battery acid does not leak. Battery units would be stored in leak proof corrosion proof plastic containers. Associated safety risks would be and posted on all storage units.
Waste Cooking Oil	200125	Non Haz	5,000	On Site Recovery	<ul style="list-style-type: none"> Storage in bulk tanks located within banded area
Waste ELV	160104	Haz	1,200 units	Storage Only	<ul style="list-style-type: none"> Storage in secure, banded area or area draining to interceptor
Waste Oil	130000	Haz.	25,000	On Site Recovery	<ul style="list-style-type: none"> Storage in bulk tanks located within banded area
Waste oil filters	160107	Haz.	800	On site recovery of oil and off site metal recovery	<ul style="list-style-type: none"> Storage in banded area or area draining to interceptor Keep away from sources of ignition. Crush and compact

Contaminated soil	170503	Haz.	30,000	On site treatment and off site reuse	<ul style="list-style-type: none"> Transfer baled filters into skip of recycling off site. Storage in banded area or area draining to interceptor Treatment on sealed surface with contained drainage system (Recirculated). Storage in dry areas on pallets and shrink wrapped to avoid trailing leads and wires etc.
Waste electronic goods			6,000	Off-site recovery	<ul style="list-style-type: none"> Store containers in a banded area. Store in a well ventilated, cool area away from high temperatures or flames. Add acid to water, this will avoid uncontrollable bubbling and heat. Never combine corrosive waste with other waste chemicals. Keep in a separate waste bottle. Do not combine acid and base. Store Acids and bases at least 6m from each other in separately banded areas.
Blending/re-conditioning of acids/bases			100	On site recovery	<p>Emergency supplies:</p>

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					<ul style="list-style-type: none"> • Absorbent: Dry sand, HAZorb, Spill pillows • For acid spills: neutralizers such as sand, and soda ash, Neutrasorb • Brush and dust pan or shovel • Plastic bag, heavy duty • Eye wash/safety shower • Extra protective equipment • When working with strong acids or bases always remember to wear protective equipment. • Never combine corrosive waste with other waste chemicals. Keep in a separate waste bottle. Do not combine acid and base. • Chemical Reactions: Fire or explosion can occur when contact is made with incompatible materials, (e.g. acids and bases, or acids and combustible metal, or organics.
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Note: EWC codes based on the current "European Waste Catalogue and Hazardous Waste List – Valid from 1 January 2002"