

ENVA Business Management System Procedure	Business Management System	
	DOCUMENT NO.	OPB – D140 – Waste Disposal Points
	ISSUE NO. :	008
	PREPARED BY	NJB
	APPROVED BY	NJB

Duty of Care – Waste Disposal Points

Waste and EWC code	Disposal Requirements	Disposal intention	Waste Carrier	Final Use
1. Aerosol Cans EWC Code 16 05 04*	Store in 205 ltr clip top barrels with vented bung. (Expanding foam aerosols to be segregated separately)	Recycled	A) Enva CBDU167145	Recycled: Processor will process waste canister under Nitrogen blanket extraction system. The metal element will be cleaned and recycled by processor. Extracted gas and liquids will be used as Kiln light-up fuel. Any plastics are recycled back to second-grade plastic products.
2. All Oil & grease contaminated items i.e. rags, granules, mats, oily PPE, contaminated sweepings etc. EWC Code 15 02 02*	Storage in 205 ltr clip top barrels No liquids to be allowed	Energy Recovery Reclassification to Non - Hazardous	A) Enva CBDU167145	Energy Recovery: Waste supplied to be incinerated for combined heat and power units. Salvageable rags are washed and re-used. Unsalvageable sent for waste to energy TFS

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Waste and EWC code	Disposal Requirements	Disposal intention	Waste Carrier	End Disposal Point	Final Use
3. Oil Filters only EWC Code 16 01 07*	Store in 205 ltr clip top barrels.	Recycled A) Oil B) Metal	A) Enva CBDU167145	A) Malary Ltd EPR/BT27771K/V006 B) Valgrove Ltd EPR/GP3696FB/V002 C) Mulberry EPR/BU552615/V010	Recycled: Filters pressed into blocks which contain less than 0.1% oil contaminate. Resulting blocks are then sent to metal processor whom will use a hammer mill to create metal “frag” which is then recycled.
4. Waste oils (bulk) EWC Code 13 02 05* 13 02 08*	Storage in banded waste oil tanks	Re-refining	A) Enva CBDU167145	A) Enva EPR/DP3331MG/V005	Re-refining: An alternative to Virgin Fuel is created which conforms to the waste derived fuels protocol and is used within boilers or furnaces of companies such as Lafarge, MQP & Hanson.
5. Waste oil liquid – small quantities EWC Code 13 02 05* 13 02 03*	Stored in 205 ltr bung top barrels on pallets for either transfer to bulk tanks or direct collection.	Re-refining	A) Enva CBDU167145	A) Enva EPR/DP3331MG/V005	Re-refining: An alternative to Virgin Fuel is created which conforms to the PFO protocol and is used within boilers or furnaces of companies such as Lafarge, MQP & Hanson.

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6. Waste Anti-freeze EWC Code 16 0114*	Storage in 205 ltr bung top barrels then transferred to bulk tank	Treatment & Disposal	A) Enva CBDU167145		Disposal: Sent to Woodland Oil
7. Empty 205 ltr Oil barrels EWC Code 15 01 10*	Barrels should be sealed for transport	Reused for oil collections or recycled.	A) Enva CBDU167145		Recycled: Crushed metal is sent to metal processor whom will use a hammer mill to create metal “frag” which is then recycled. Re-used: Reprocessing into reconditioned drums
8. Waste tyres EWC Code 16 01 03	Store at designated waste tyre area	Recycling for reuse in equestrian and alternative drainage applications.	A) Enva CBDU167145		Recycled: The casing is shredded, granulated and de-metalled. The resulting metal is recycled and the tyre granule recycled into rubber matting or used as a Virgin Fuel replacement in cement kilns.

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9. Lead acid batteries EWC Code 16 06 01*	Stored in plastic battery box. Damaged batteries to be moved in UN approved sealed plastic containers.	For recycling	A) Enva CBDU167145		Recycled: Battery car case is dismantled. Plastic casing is washed, shredded/granulated, and recycled. Lead recycled.
10. Wet Nickel Cadmium Alkaline Batteries EWC Code 16 06 02*	Stored in secure UN approved plastic containers with lid	For recycling	A) Enva CBDU167145		Recycled: Battery Shredded and sorted into separate fractions for recycling or energy recovery processes.
11. Dry Cell Batteries (house hold alkaline, zinc chloride/manganese dioxide type) EWC Code 160604 EWC Code 200134	Stored in secure UN approved plastic containers with lid. No Lithium batteries to be mixed in.	For recycling	A) Enva CBDU167145		Recycled: Battery Shredded and sorted into separate fractions for recycling or energy recovery processes.
12. Lithium Batteries EWC Code 16 06 04 EWC Code 20 01 34	Wrap all terminals or wires with non-conductive tape to prevent short circuit. Use vermiculite to fill space between batteries in the packaging. UN approved 1H2 X or Y plastic drums ideal	For recycling	A) Enva CBDU167145		Recycled: Battery Shredded and sorted into separate fractions for recycling or energy recovery processes.

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13. Fluorescent Tubes EWC Code 20 01 21*	Storage in dedicated lidded Poly-pipe for 100 tubes. Up to 8ft in length.	Recycled / Processed on site A Residues sent to B	A) Enva CBDU167145		Recycled: The processed tube is further processed and recycled accordingly
14 End of life electrical equipment, i.e computers, hand tools, domestic appliances EWC Code 16 02 13* EWC Code 16 02 14* EWC Code 20 01 35* EWC Code 20 01 36*	Items wherever possible to be returned to electrical supplier or placed in suitable container for processing. Eg CRT screens	Reprocessing and recovery	A) Enva CBDU167145		Recycled: Graded, dismantled with the precious metals recovered. The plastic and metal elements are recycled.
15 Contaminated Plastic containers including 25 ltr drums, grease tubs and cartridges (any container with hazard warning symbol on it) EWC Code 15 01 10*	Note all containers to be drained and tops re-secured	Segregated by plastic type Shredded / washed A) Sent for recycling (approx. 99%) – HDPE B) or sent to landfill	A) Enva CBDU167145		Recycled/ Disposal: The majority of processed plastic is sent for reuse back into railway sleepers or second grade plastic containers. The plastics which can't be accepted are sent to landfill in a non-hazardous state.

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16 Contaminated bund and sump water, and Interceptor waste EWC Code 13 05 07*	Collected by vacuum tanker	Oil element skimmed and recycled. Water element treated then put down foul sewer Sludge- sent to hazardous landfill site “inert” when sent	A) Woodlands CBDU189527 B) Clean Waste CBDU160988 C) Malary CBDU223424 D) Andel CBDU116480	Recycled / Recovered: Waste Undergoes biological treatment in order to return to reusable state Sludge is treated in aerobic digester, made inert and then spread on to land source of nutrients. Recovered as a metals are made in to filter cake and incinerated
17 Parts washer systems EWC Code 11 01 13*	Self contained parts washer system. Container serviced and replenished with new degreaser. Dirty solvents collected for reprocessing	Degreaser Recovery	A) Enva CBDU167145	Recycled into new degreaser of Recovery (Cemfuel)

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18 Empty Paint Tins EWC Code 15 01 10*	Stored in 205 ltr UN approved clip-top drum	Metal Recovery / Waste to energy Sorted and processed on site	A) Enva CBDU167145	Recycled: Crushed metal is sent to metal processor whom will use a hammer mill to create metal “frag” which is then recycled. Recovery: Waste to energy
19 Full/ Part Full Paint Tins EWC Code 08 01 11* 08 01 12	Solvent/Water Based Paint	<i>Recovered</i> /Consolidation Landfill	A) Enva CBDU167145	Recovered: Due to the high calorific value the waste liquid is used to produce Chem fuel, which is used as an alternative to Virgin Fuel in certain applications. Recovery: Waste to energy TFS Disposal: Consolidation then landfill.
20 Waste Paint / Thinners EWC Code 08 01 11* 08 01 13*	Sealed in appropriate container	Recycled / Recovered	A) Enva CBDU167145	Recovered: Due to the high calorific value the waste liquid is used to produce Chem Fuel, which is used as an alternative to Virgin Fuel in certain applications.

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21. Mixed Fuels EWC Code 13 07 03*	25 and 205 ltr drums	Recovery	A) Enva CBDU167145		Fuels segregated and used as alternative fuels
22. Water	Tanker	Disposal	A) Enva CBDU167145		
23. Hydraulic Hoses EWC Code 16 01 21*	Skip or 205 litre drums	Recovery	A) Enva CBDU167145		Recovery: Waste to energy
24. Metal EWC Code 20 01 40	Skip	Recovery	A) Enva CBDU167145		
25. Wood EWC Code 20 01 38	Skip	Recovery	A) Enva CBDU167145		

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