

## Mintek Waste Streams Assessment for Landfill Site

### 1.0 HAZARDOUS WASTE

Division	Waste	Composition	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
Clinic	Health care risk waste <i>Type 0</i>	Health care	N/A	Incineration	Incineration		Clinic	HW 19/01 and HW 19/02
Mintek toilets	Sanitary	Biological	N/A	Disposed by contractor	Incineration	N/A	Toilet in specified containers	HW 19/01 and HW 19/02
FIN	Electronic		N/A	Auction				HW 18/03
EMS, ASD, AMD, PDD	Contaminated oil	Chemicals & samples Various grades (eg. hydraulic, vacuum, quench)	<i>N/A</i>	Recycled	Recycle	<b>500L</b>	Jumbo stores	HW 07/01
EMS Preclassified	Empty paint, glass & plastic containers, plastic off cuts <i>Type 1</i>	<b>Paint</b> , chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	7 cubic meters	Contaminated metal & plastic skip	<b>HW 99/01</b>
EMS	Fluorescent tubes <i>Type 1??</i>	Mercury	N/A	Contracted Waste Disposal Company	<i>Class A Landfill</i>		<b>Jumbo Stores</b>	HW 02/02
EMS	Lamps <i>Type 1??</i>		N/A	Contracted Waste Disposal Company	<i>Class A Landfill</i>		<b>Jumbo Stores</b>	<b>GW 18/05</b>
EMS, BIO, HMD. AMD, PDD	Batteries <b>Need SDS</b>	Various (eg. UPS, machines, alarms, tractors, cars, etc)	<i>N/A</i>	Exchange with supplier		1	Jumbo stores	HW 03/01
EMS	Air conditioning filters	No filters currently, they are washed and re-used.						<b>GW</b>

LIQUID AND SOLID								
Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
MAC	Cyanide waste <i>Pre-classified: Type 1</i>	Containing 100-300 ppm Sodium Cyanide and small quantities of Tetraethylenepentamine.	N/A	Sent to HMD, where cyanide is destructured with HTH and sent to the tailings dam.	Send to HMD	60L	Chemical lab 110937	HW 11/01
HMD	Solution generated from treatment of base metals <i>Pre-classified: Type 1</i>	Traces of base metals such as cobalt, Copper, Manganese, Iron etc.	N/A	Effluent plant	Effluent plant	300L	N/A	HW 05/01
MAC	Xanthate Waste	Sodium Isobutyl Xanthate (SIBX) solution	N/A	Sent to Contracted Waste Disposal Company	Sent to Contracted Waste Disposal Company	1 L	Chemical lab	MAC
MAC	Potassium Chloride Solution	Potassium Chloride	N/A	Sent to Contracted Waste Disposal Company	Sent to Contracted Waste Disposal Company	21L	Chemical lab 110937	HW 11/01
HMD	Solution generated from treatment of waste uranium solution	Solutions containing traces of uranium	N/A	Effluent plant	Effluent plant	500l	Solution discharged to effluent plant after treatment	HW 05/01
HMD	Cyanate from HMD, MAC and ASD	NACNO	N/A	Effluent plant	Effluent plant	600L	Tank discharged to effluent plant after treatment	HW 11/01
HMD	Base metal solutions <i>Pre-classified: Type 1</i>	Gold cyanide, Nickel cyanide, Copper cyanide, Cobalt cyanide, SMBS, Acid	N/A	Treated at Bay 6	Class A Landfill	50L	Base metal Lab 6529	HW 11/01

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
HMD	Solvent extraction solutions	Organic material, Rare earths and acid	N/A	Treated at bay 6,	Treat	100L	Ion exchange and solvent extraction labs	HW 11/02
HMD	Cyanide solution	SCN and free cyanide	N/A	Treated at bay 6,	Treat	25L	Cyanide centre labs	HW 11/01
ASD	Waste Liquors	Acids	N/A	Effluent plant	Effluent plant			HW 05/01
ASD	Cyanide waste <i>Pre-classified: Type 1</i>	Cyanide	N/A	Sent to HMD for treatment. To effluent plant.	Effluent plant	Approx. 20L	Waste Yard Container	HW 11/01
PDD	Scrubber effluent		N/A	Effluent plant	Effluent plant		Effluent plant	
AMD	Cyanide <i>Pre-classified: Type 1</i>	Potassium Ferri Cyanide (sent via HMD)	N/A	To HMD for treatment	To HMD for treatment	40litres	Cyanide fumehood	HW 05/01
BIO	Cyanide waste <i>Pre-classified: Type 1</i>	Containing 500-1500ppm Sodium Cyanide	N/A	Sent to HMD, where cyanide is destructed with HTH and sent to the tailings dam.	Send to HMD	200L	Cyanide Lab	HW 11/01
BIO	Solvent extraction solutions	Organic material, Copper, Iron	N/A	Treated at bay HLA 2	Treat / Dispose through Mintek's Waste Service Provider	150L	Flammable Liquid Store (HLA 2)	HW 11/02
BIO	Waste Liquors <i>Pre-classified: Type 1</i>	Neutralised in the division and filtered (Filter cake disposed as hazardous solid waste, Filtrate discharged to the Effluent plant).	N/A	Return to client / dispose through Mintek's Waste Service Provider	Return to client	Approx. 2000L	Neutralisation plant / outside HLA 2	HW 05/01
MAC	Iodine solution <i>Pre-classified: Type 1</i>	Iodine	N/A	Contracted Waste Disposal Company	Class A Landfill	12 L	Chemical lab 110937	HW 09/01

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
SSMB	eGoli waste chemicals <i>Pre-classified: Type 1</i>	Chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	20L	eGoli lab	HW 05/02
SSMB	eGoli effluent samples <i>Pre-classified: Type 1</i>	Contaminated with chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	20L	eGoli lab	HW 05/01
ASD	Hazardous organic (MIBK) waste <i>Pre-classified: Type 1</i>	Organic samples	N/A	Contracted Waste Disposal Company	Class A Landfill	250L	Waste Yard Container and Level 7 and 8 Laboratory	HW 10/01
ASD	Lead waste <i>Pre-classified: Type 1</i>	Lead	N/A	Contracted Waste Disposal Company	Class A Landfill		Lead sampling, mixing room and skip.	HW 05/02
ASD	Nickel sulphide Solution <i>Pre-classified: Type 1</i>	Nickel sulphide	N/A	Contracted Waste Disposal Company	Class A Landfill In future we would like to treat it and dispose it	Approx 150L	Level 2	HW 05/02
ASD	Organic waste <i>Pre-classified: Type 1</i>	Organics	N/A	Contracted Waste Disposal Company	Class A landfill		Level7, small instrument Room	HW 11/01
MPD	Waste reagents <i>Pre-classified: Type 1</i>	Reagents – Organics Frothers – Organics Lime – Calcium Carbonate	N/A	Contracted Waste Disposal Company,	Class A Landfill	100litres	Floatation lab	HW 11/01 and HW 05/02
ASD, PDD, FIN	Expired chemicals <i>Pre-classified: Type 1</i>	Various	N/A	Contracted Waste Disposal Company	Class A Landfill	400kg	Level 2, HTL Labs, FIN Store	HW 05/02

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
AMD	Organic chemicals <i>Pre-classified: Type 1</i>	Various types – many in small quantities	N/A	Contracted Waste Disposal Company	Class A Landfill	20litres		HW 10/01 or HW 11/01
	Chromic Acid <i>Pre-classified: Type 1</i>	Cr VI	N/A	Contracted Waste Disposal Company	Class A Landfill	20litres	Lab 110540 fumehood	HW 05/02
	Hydrofluoric Acid <i>Pre-classified: Type 1</i>		N/A	Contracted Waste Disposal Company	Class A Landfill	5litres	Lab 110540 fumehood	HW 05/02
AMD	Filters from biosafety cabinets <i>HCRW</i>	Contaminated with biological agents (for incineration)	N/A	Incineration	Incineration	None		HW 19/02
MPD, PDD	Bagplant filters							HW 99/01

GLOVES, PAPER TOWELS								
Division	Waste	Contaminants	Assessm ent	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
AMD	Contaminated solid waste: Gloves, paper towels, glass, plastic, cardboard <i>Pre-classified: Type 1</i>	Contaminated with chemicals	N/A	Contracted Waste Disposal Company	<i>Class A Landfill</i>	5cubic meter and 8000litres	Inside the labs, on passages outside the lab and Outside the bay	HW 99/01
MNL, PDD, MPD, BIO, ASD, HMD	Laboratory Waste <i>Pre-classified: Type 1</i>	Paper wipes, Latex Gloves, filter papers, boxes, plastic Contaminated with various chemicals (including lead and nickel)	N/A	Contracted Waste Disposal Company	<i>Class A Landfill</i>	2020 ton 50 litres	8428, 8421, 8429, 8423, HTL Active Sample room, BIO Labs and Bay, ASD all labs, MPD Labs and Bay, <i>HMD labs</i>	HW 99/01
MAC	Cyanide Contaminated paper and other material. <i>Pre-classified: Type 1</i>	Cyanide	N/A	Contracted Waste Disposal Company	Class A Landfill	200L	Chemical lab 110937	HW 11/01
MAC	Chemical Contaminated paper and other material <i>Pre-classified: Type 1</i>	Chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	120L	Chemical & mechanical lab 110937	HW 99/01

PACKAGING								
Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
PDD	Used bulk bags	Various ores and raw materials	N/A	Recycle when possible or Contracted Waste Disposal Company	Recycle when possible or Contracted Waste Disposal Company	10kg	Steel Shed	HW 05/02
PDD, MPD	Broken pallets	Various ores and raw materials, mineral waste	N/A	Recycle when possible or Contracted Waste Disposal Company	Recycle when possible or Contracted Waste Disposal Company	-	Steel Shed	HW 05/02
PDD, MNL, MPD, BIO, ASD, HMD, MAC	Laboratory Waste <i>Pre-classified: Type 1</i>	Broken Glass, Broken and used glassware Glass chemical containers Glass contaminated with chemicals, lead, nickel.	N/A	Contracted Waste Disposal Company,	Class A Landfill	1566kg, 50 Litres	HTL Active Sample room, 8423, 8421, 8428, BIO Lab, ASD labs and separate glass bin, HMD labs, Lab 110937	GW 99/01
PDD, MNL, MPD, ASD, MAC	Laboratory Waste <i>Pre-classified: Type 1</i>	Plastic chemical containers, drums Plastic contaminated with chemicals, lead, nickel.	N/A	Contracted Waste Disposal Company	Class A Landfill	2026kg 10 litres	HTL Active Sample room, 8423, 8421, 8428, MPD Labs and bay 4, BIO labs and Bays ASD labs and separate glass bin, Lab 110937	GW 99/01
PDD	Packaging from samples, chemicals and fluxes. <i>Pre-classified: Type 1</i>	Samples and chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	200kg	HTL Active Sample room Labelled dustbin outside Bay 1	GW 99/01

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
MPD	Laboratory Waste <i>Pre-classified: Type 1</i>	Steel drums	N/A	Contracted Waste Disposal Company	Class A Landfill	10litres	Labs and bay 4	GW 99/01
HMD	Packaging for HTH and Lime <i>Pre-classified: Type 1</i>	Lime	N/A	Contracted Waste Disposal Company	Class A Landfill	N/A	Packaging disposed of when empty	GW 99/01
EMS	HCL containers <i>Pre-classified: Type 1</i>	HCL	N/A	Returned to supplier	Returned to supplier			GW 99/01

PPE								
Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
PDD, MPD, BIO, MAC, HMD, EMS	Used PPE, contaminated paper & rugs <i>Pre-classified: Type 1</i>	Typically dust masks, respirator filters, gloves (high temperature and latex), old boots, broken hard hats, damaged overalls and tapping gear Contaminated with dust, dry Chemicals, acids, radioactive dust, Cyanide, Xanthate, Iodine, oil and other	N/A	Contracted Waste Disposal Company	Class A Landfill	500kg	PPE Store, Contaminated PPE Bin (HLA2), 110941, HMD Kept in store room, EMS Workshops, jumbo store separate bins	GW 99/01



### 1.1 NEEDS ASSESSMENT FOR LANDFILL SITE

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
PDD	Ore samples <i>Mineral waste??</i>	Various: Ore sample, foundry waste, UG-2 Ore, Base metal hydroxide precipitate	<i>Assess</i>	Contracted Waste Disposal Company:UG2-Ore waste skip	<i>Class A Landfill</i>	20Ton cubic m	Steel shed	HW 05/02
BIO	Neutralisation Precipitate from Leach solutions	Copper, Nickel ,and possible traces of Cobalt and Arsenic	<i>Assess</i>	Contracted Waste Disposal Company:UG2-Ore waste skip	<i>Class A Landfill???</i>	3 cubic Meters	HLA 2	HW 05/02
BIO	Ores & residues <i>Mineral waste</i>	Ores, Residues (copper)	N/A	Return to client	Return to client	Approx. 15 000 kg	Bulk Sample store & Small sample store	HW 17/03
HMD	Base metal hydroxides precipitate <i>Pre-classified: Type 1???</i>	Gold cyanide, Nickel cyanide, Copper cyanide, Cobalt cyanide.	<i>Assess</i>	Contracted Waste Disposal CompanyMineral skip	<i>Class A Landfill??</i>	500l	Bay 7	HW 11/02
ASD	Solid sample waste <i>Mineral waste</i>	Ores, Residues (solid and liquid samples).	<i>Assess</i>	Contracted Waste Disposal Company:UG2-Ore waste skip	<i>Returned to the client</i>		Level7 sample storage room	HW 17/03
ASD	Glass beads <i>Pre-classified: Type 1</i>	Lithium tetraborate, lithium metaborate	<i>Assess</i>	Contracted Waste Disposal CompanyLead skip	<i>Class A Landfill</i>			HW 05/02
MPD	Ores <i>Mineral waste</i>	Ores PGMs (UG2 and Chromite) Iron Ore Coal	<i>Assess</i>	Contracted Waste Disposal Company:UG2 skip	<i>???</i>	1000tonnes	Separate bin in floatation lab Back yard, All labs & Jumbo	HW 17/03

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
PDD	Used refractory <i>Mineral waste</i>	Refractory bricks various, ankerhearth, various crucibles (i.e. alumina and graphite), alumina and graphite tubes, guntap, refractory castable. Expired refractory	Assess	Return to client or Contracted Waste Disposal Company	Return to client or Contracted Waste Disposal Company	40 tons	Steel shed	HW 17/02
PDD	Used baghouse filter bags <i>Pre-classified: Type 1</i>	Hazardous chemicals	Assess	Contracted Waste Disposal Company or return to client	Contracted Waste Disposal Company or return to client	4 Tons	Steel Shed and Bus shed	HW 99/01
PDD	Laboratory sample waste	Raw material, left over sample (typically ore samples)	Assess	Return to client or Contracted Waste Disposal Company	Return to client	50kg	HTL Active Sample room	HW 17/03
PDD	Slag	Slag	Assess	Return to client or Contracted Waste Disposal Company	Return to client	20 tons	Steel Shed	HW 16/01 or 02 or 03
PDD	Laboratory sample waste	Milled silica sand	Assess e	Return to client or Contracted Waste Disposal Company	Return to client	50kg	HTL Active Sample room Labelled dustbin Crushing room	HW 17/03
PDD	Laboratory sample waste <i>Pre-classified: Type 1???</i>	Metal	Assess	Return to client or Contracted Waste Disposal Company	Return to client or Contracted Waste Disposal Company	10 tons	Steel Shed	HW 99/01
PDD	Used fibre frax	Hazardous fibre	Assess	Contracted Waste Disposal Company	Contracted Waste Disposal Company	50kg	Labs and bays	HW 99/01
PDD	Project material from Bay campaigns <i>Mineral waste</i>	Left over raw material, slag, fume (or baghouse dust	Assess	Return to client or Contracted Waste Disposal Company	Return to client or Contracted Waste Disposal Company	20 tons	West yard, bush shed, steel shed	HW 17/02

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
PDD	Bay clean-up <i>Mineral waste</i>	Typically sweepings containing raw material spillages, refractory spillages, product spillages,	<i>Assess</i>	Return to client or Contracted Waste Disposal Company	<i>Return to client</i>	200kg	Labelled dust bins outside Bay 1 and at Steel Shed	HW 17/03
PDD	Titanium tetrachloride solution	Titanium tetrachloride	<i>Assess</i>	Contracted Waste Disposal Company	Contracted Waste Disposal Company	20 litres	Chemical lab	HW 05/02
MNL	Solid Waste <i>Mineral waste</i>	Ores, Residues containing Cu, Pb, Zn, PGM, Mn, Co, Ni, Si, Fe, Cr,	<i>Assess</i>	Contracted Waste Disposal Company:UG2 skip		100 kg		HW 17/03
AMD	Silica Sand/Foundry <i>Mineral waste</i>	Contaminated with metals e.g. steel, iron, sodium carbonate etc.	<i>Assess</i>	Contracted Waste Disposal Company:UG2 skip	???		Inside the bay in a bag or outside in the container	HW 17/02
AMD	Refractory waste of various grades <i>Mineral waste</i>	Alumina, Zirconia, Magnesia	<i>Assess</i>	Contracted Waste Disposal Company:UG2 skip	???	1 tonne	Inside the bay in a bag or outside in the container	HW 17/02
ASD	Ores, Base metals (solids) <i>Mineral waste</i>		N/A	Return to client	Return to client		Sample reception	HW 17/03
HMD	Ore waste (excess sample) <i>Mineral waste</i>	PGM's, Gold, Base metals	N/A	Return to client	Return to client	100kg	HOKH, Bay 5	HW 17/03
MPD	Tailings <i>Mineral waste</i>	Ores (PGM's)	N/A	Return to client	<i>Return to client</i>	290tonnes	Slimes dam	HW 17/03

## 1.2 RADIOACTIVE

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
HMD	Solids/precipitate generated from treatment of waste uranium solution <i>Radioactive</i>	Uranium hydroxide (U)	N/A	Sent back to client	Send back to client	300L	Uranium stores	HW 05/02
HMD	Ore waste (excess sample) <i>Radioactive</i>	Thorium & Uranium	N/A	Sent back to client	Send back to client	50Kg	HOKH, Bay 6	HW 05/02
HMD	Uranium and thorium solutions	Radioactive material	N/A	Treated at bay 6,	Bay 6 cage and returned to clients	50l	HMD Uranium and thorium labs	HW 05/02
ASD	Lab waste: Paper wipes, Gloves, filter papers, plastic. <i>Radioactive</i>	Contaminated with radioactive samples.	N/A	In the lab	Need an advise		All labs	HW 99/01
ASD	Ores, Base metals (liquids & solids) <i>Radioactive</i>		N/A	Return to client	Return to client		Sample reception	HW 05/02
ASD	Radioactive samples	Uranium and Thorium samples	N/A	Filtrates and leach liquors- Sent/Taken to BIO for treatment and Disposal	Return to the client		Sample reception	HW 05/02
BIO	Ores & residues <i>Mineral waste, Radioactive</i>	Ores, Residues	N/A	Return to client	Return to client	Approx. 4000 kg	Bulk Sample store	HW 17/03
BIO	Waste Liquors <i>Radioactive</i>	Neutralised in the division and filtered (Filter cake disposed as hazardous solid waste, Filtrate discharged to the Effluent plant).	N/A	Return to client	Return to client	Approx. 3000L	Neutralisation plant	HW 17/03

Division	Waste	Contaminants	Assessment	Current Disposal mtd	Recommended Disposal mtd	Current quantities	Store room	SAWIS No.
MPD	Ores <i>Radioactive</i>	Ores	<i>Assess</i>	Return to client	<i>Return to client</i>		Jumbo	HW 17/03
PDD	Used baghouse filter bags <i>Radioactive</i>	Hazardous chemicals, Radioactive samples	N/A	Return to client	Return to client		Bush shed	HW 99/01

## 2.0 GENERAL WASTE

Division	Waste	Composition	Current Disposal mtd	Recommended Disposal mtd	Store room
MAC	Plastic	Plastic	Contracted Waste Disposal Company contaminated plastic bin	<i>Recycle</i>	Mechanical and chemical lab. In separate bins.
MAC	Pre-Classified Plastic	Polythene, PVC	Contracted Waste Disposal Company pre-classified plastic bin	Recycle	Instrument lab and Mechanical labs, in separate bins.
MAC	Wood	Wood	Contracted Waste Disposal Company general waste	<i>Recycle</i>	Mechanical lab. In separate bins. Taken to Contracted Waste Disposal Company general waste bin
MAC	Electronic waste Circuit boards & transformers, obsolete and scrapped instruments	Copper & metal	Recycled	Recycle	Mechanical & chemical lab. In separate bins. Taken to Copper bin at west yard.
MAC	Metal	Metal	Contracted service provide	Recycle	Mechanical & chemical lab. In separate bins. Taken to Contracted Waste Disposal Company metal bin.
SSMB	Clay	From different clay samples collected around the country	Contracted service provide	Class B landfill	Ceramic lab 8736
SSMB	Ceramic waste	Broken ceramic products & rejects	Contracted service provide	Class B landfill	Ceramic lab 8736
SSMB	Glass	Broken products & rejects	Recycled	Class B landfill	Beads lab 8739

Division	Waste	Composition	Current Disposal mtd	Recommended Disposal mtd	Store room
ALL	General waste	Food waste from canteen, office waste and other waste from the buildings. Also contains recyclables.	N/A	Class B Landfill	General waste bins in buildings & west yard
EMS	Scrap metal	Building rubble, metal shavings, metal dust	N/A	Recycled	Scrap metal bin @ waste yard, metal shavings bin at machine shop, fabrication & grinding workshop
EMS	Building rubble	Building projects	Contracted Waste Disposal Company or taken by contractor	Class D Landfill	Building rubble skips
EMS	Garden waste	Garden waste	Contracted Waste Disposal Company	Recycle	Garden waste skip
EMS	Brass	Brass shavings	Recycled	Recycle	Copper bin at west yard
EMS	Copper	Copper shavings	Recycled	Recycle	Copper bin at west yard
EMS	Wood & hard board	Wood off cuts, packaging, building projects, old pallets	Contracted Waste Disposal Company??	Contracted Waste Disposal Company	Workshops & west yard
EMS	Old equipment & machines	Old equipment & machines	Auction	Auction	Building infrastructure store room
All divisions	General Office Waste <i>General waste</i>	Paper, plastic, cans, newspaper, boxes	Contracted Waste Disposal Company recycling	Recycle	Office bins, recycling room
ASD	Nickel, aluminium, zirconium crucibles	Nickel, aluminium, zirconium	Recycled	<i>Recycle</i>	Metal bin
ASD	Graphite crucibles	Graphite	Contracted Waste Disposal Company??	<i>Recycle</i>	Metal Bin
AMD	Scrap metal <i>Metal</i>	Various grades both ferrous and non-ferrous – for recycling	Contracted Waste Disposal Company Small piece to general waste skip, big pieces to metal skip	<i>Recycled</i>	
AMD	Other filters from clean room plant <i>General waste</i>	Contaminated with simple dust, some biological – not hazardous	Autoclaved and taken to Contracted Waste Disposal Company general waste skip	<i>Class B Landfill</i>	