

## ANNEXURE A – MINTEK WASTE STREAMS ASSESSMENT FOR LANDFILL SITE

### 1.0 HAZARDOUS WASTE

Division	Waste	Composition	Assessment	Current Disposal method	Recommended Disposal method	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
CMS	Contaminated oil	Chemicals & samples	N/A	Recycled	Recycle	3000L	Jumbo stores	HW 07/01
ACD	Vacuum pump oil	Oil	N/A	Sent to CMS for recycling	Recycle	75L	Waste Yard Container	HW 07/01
AMD	Oil <i>Oil</i>	Various grades – hydraulic, vacuum, quench – sent to CMS for recycling.	N/A	To CMS for recycling	Recycled	None	In a container when there is oil	HW 07/01
CMS Pre-classified	Empty paint, glass & plastic containers, plastic off cuts <i>Type 1</i>	Paint, chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	7 cubic meters	Contaminated metal & plastic skip	HW 99/01
CMS	Fluorescent tubes	Mercury	N/A	Contracted Waste Disposal Company	Class A Landfill		Jumbo Stores	HW 02/02
CMS	Lamps		N/A	Contracted Waste Disposal Company	Class A Landfill		Jumbo Stores	GW 18/05

**LIQUID AND SOLID**

<b>Division</b>	<b>Waste</b>	<b>Contaminants</b>	<b>Assessment</b>	<b>Current Disposal method</b>	<b>Recommended Disposal method</b>	<b>Current quantities</b>	<b>Store room</b>	<b>SAWIS No.</b>
MAC	Cyanide waste	Containing 100-300 ppm Sodium Cyanide and small quantities of Tetraethylenepentamine.	N/A	Sent to HMD, where cyanide is destructed 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	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 ACD	NACNO	N/A	Effluent plant	Effluent plant	600L	Tank discharged to effluent plant after treatment	HW 11/01
HMD	Base metal solutions	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
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 center labs	HW 11/01
ACD	Waste Liquors	Acids	N/A	Effluent plant	Effluent plant			HW 05/01

ACD	Cyanide waste	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	Potassium Ferri Cyanide (sent via HMD)	N/A	To HMD for treatment	To HMD for treatment	40litres	Cyanide fume hood	HW 05/01
BMD	Cyanide waste	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	Approx. 200L	Cyanide Lab	HW 11/01
BMD	Solvent extraction solutions	Organic material, Copper, Iron	N/A	Treated at bay HLA 2	Treat / Dispose through Mintek's Waste Service Provider	Approx. 200L	Flammable Liquid Store (HLA 2)	HW 11/02
BMD	Waste Liquors	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	Neutralization plant / outside HLA 2	HW 05/01
MAC	Iodine solution	Iodine	N/A	Contracted Waste Disposal Company	Class A Landfill	12 L	Chemical lab 110937	HW 09/01
SSMB	eGoli waste chemicals	Chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	20L	eGoli lab	HW 05/02
SSMB	eGoli effluent samples	Contaminated with chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	20L	eGoli lab	HW 05/01

ACD	Hazardous organic (MIBK) waste	Organic samples	N/A	Contracted Waste Disposal Company	Class A Landfill	250L	Waste Yard Container and Level 7 and 8 Laboratory	HW 10/01
ACD	Lead waste	Lead	N/A	Contracted Waste Disposal Company	Class A Landfill		Lead sampling, mixing room and skip.	HW 05/02
ACD	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
ACD	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
ACD	Expired chemicals <i>Pre-classified: Type 1</i>	Chemicals	N/A	Contracted Waste Disposal Company	Class A landfill	Variety	Level2	HW 05/02
MPD	Waste reagents	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
PDD	Expired chemicals <i>Pre-classified: Type 1</i>	Various	N/A	Contracted Waste Disposal Company	Class A Landfill			HW 05/02
FIN	Expired Chemicals <i>Pre-classified: Type 1</i>	Various	N/A	Contracted Waste Disposal Company	Recycled	200kg	HTL Chemical store	HW 05/02
AMD	Organic chemicals	Various types – many in small quantities	N/A	Contracted Waste	Class A Landfill	20litres		HW 10/01 or HW 11/01

	<b>Pre-classified: Type 1</b>			Disposal Company				
AMD	Chromic Acid <b>Pre-classified: Type 1</b>	Cr VI	N/A	Contracted Waste Disposal Company	Class A Landfill	20litres	Lab 110540 fume hood	HW 05/02
AMD	Hydrofluoric Acid <b>Pre-classified: Type 1</b>		N/A	Contracted Waste Disposal Company	Class A Landfill	5litres	Lab 110540 fume hood	HW 05/02
AMD	Filters from biosafety cabinets <b>HCRW</b>	Contaminated with biological agents (for incineration)	N/A	Incineration	Incineration	None		HW 19/02
MPD, PDD	Bag plant filters							HW 99/01

**GLOVES, PAPER TOWELS**

Division	Waste	Contaminants	Assessment	Current Disposal method	Recommended Disposal method	Current quantities	Store room	SAWIS No.
AMD	Contaminated solid waste: Gloves, paper towels, glass, plastic, cardboard <b>Pre-classified: Type 1</b>	Contaminated with chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	5cubic meter and 8000litres	Inside the labs, on passages outside the lab and Outside the bay	HW 99/01
MNL	Laboratory Waste <b>Pre-classified: Type 1</b>	Paper wipes, Latex Gloves,	N/A	Contracted Waste Disposal Company	Class A Landfill	14 kg	8428, 8421, 8429, 8423	HW 99/01
PDD	Laboratory Waste	Paper wipes, Latex Gloves, filter papers, boxes Contaminated	N/A	Contracted Waste	Class A Landfill	30kg	HTL Active Sample room	HW 99/01

	<b>Pre-classified : Type 1</b>			Disposal Company				
MPD	Laboratory Waste <b>Pre-classified : Type 1</b>	Paper wipes, Latex Gloves, filter papers, boxes Contaminated	N/A	Contracted Waste Disposal Company,	Class A Landfill	50litres		HW 99/01
BMD	Laboratory Waste <b>Pre-classified : Type 1</b>	Paper wipes, Latex Gloves, filter papers, boxes Contaminated	N/A	Contracted Waste Disposal Company,	Class A Landfill	Approx. 2m <sup>3</sup>	Labs and bay	HW 99/01
ACD	Lab waste: Paper wipes, Gloves, filter papers, plastic. <b>Pre-classified: Type 1</b>	Contaminated with chemicals, lead, nickel.	N/A	Contracted Waste Disposal Company	Class A Landfill		All Laboratories	HW 99/01
MAC	Cyanide Contaminated paper and other material. <b>Pre-classified: Type 1</b>	Cyanide	N/A	Contracted Waste Disposal Company	Class A Landfill	200L	Chemical lab 110937	HW 11/01
MAC	Chemical Contaminated paper and other material <b>Pre-classified: Type 1</b>	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 method	Recommended Disposal method	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	Broken pallets	Various ores and raw materials	N/A	Recycle when possible or Contracted Waste Disposal Company	Recycle when possible or Contracted Waste Disposal Company	-	Steel Shed	HW 05/02
PDD	Laboratory Waste <b>Pre-classified : Type 1</b>	Broken Glass, Broken and used glassware Glass chemical containers	N/A	Contracted Waste Disposal Company,	Class A Landfill	20kg	HTL Active Sample room	GW 99/01
PDD	Laboratory Waste <b>Pre-classified : Type 1</b>	Plastic chemical containers, drums	N/A	Contracted Waste Disposal Company	Class A Landfill	20kg	HTL Active Sample room	GW 99/01
PDD	Packaging from samples, chemicals and fluxes. <b>Pre-classified: Type 1</b>	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
MNL	Laboratory Waste <b>Pre-classified : Type 1</b>	Chemical containers (glass and plastic bottles)	N/A	Contracted Waste Disposal Company	Class A Landfill	12 kg	8423, 8421, 8428	GW 99/01

MPD	Laboratory Waste <b>Pre-classified : Type 1</b>	Broken Glass, Broken and used glassware Glass chemical containers	N/A	Contracted Waste Disposal Company	Class A Landfill	30litres	Labs and bay 4	GW 99/01
MPD	Laboratory Waste <b>Pre-classified : Type 1</b>	Plastic chemical containers, drums	N/A	Contracted Waste Disposal Company	Class A Landfill	10litres	Labs and bay 4	GW 99/01
MPD	Laboratory Waste <b>Pre-classified : Type 1</b>	Steel drums	N/A	Contracted Waste Disposal Company	Class A Landfill	10litres	Labs and bay 4	GW 99/01
MPD	Broken pallets <b>Pre-classified: Type 1</b>	Contaminated with mineral waste – mostly broken and there is no exact estimation of them	N/A	Contracted Waste Disposal Company	Recycle		Contracted Waste Disposal Company wood skip	GW 99/01
BMD	Laboratory Waste <b>Pre-classified : Type 1</b>	Broken Glass, Broken and used glassware Glass chemical containers	N/A	Contracted Waste Disposal Company	Class A Landfill	Approx. 0.5m <sup>3</sup>	Labs	GW 99/01
BMD	Laboratory Waste <b>Pre-classified : Type 1</b>	Plastic chemical containers, drums	N/A	Contracted Waste Disposal Company,	Class A Landfill	Approx. 2m <sup>3</sup>	Labs and bays	GW 99/01
ACD	Lab waste: Glass. <b>Pre-classified: Type 1</b>	Contaminated with chemicals, lead, nickel.	N/A	Contracted Waste Disposal Company	Class A Landfill	Approx. 0.5m <sup>3</sup>	All laboratories Separate glass bin	HW 99/01
ACD	Lab waste: Plastic. <b>Pre-classified: Type 1</b>	Contaminated with chemicals, lead, nickel.	N/A	Contracted Waste Disposal Company	Class A Landfill	Approx. 0.5m <sup>3</sup>	All laboratories Separate plastic bin	HW 99/01

HMD	Broken lab glass wear <i>Pre-classified: Type 1</i>	Lab chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	40kg	Separate glass bin in HMD labs	HW 99/01
HMD	Lab waste <i>Pre-classified: Type 1</i>	Contaminated gloves, paper towel	N/A	Contracted Waste Disposal Company	Class A Landfill	20kg	Separate glass bin in HMD labs	HW 99/01
MAC	Used Chemical Containers <i>Pre-classified: Type 1</i>	Chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	80L	Chemical lab 110937	HW 99/01
MAC	Glass wear <i>Pre-classified: Type 1</i>	Lab chemicals	N/A	Contracted Waste Disposal Company	Class A Landfill	20L	Chemical lab 110937	HW 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	HW 99/01
CMS	HCL containers <i>Pre-classified: Type 1</i>	HCL	N/A	Returned to supplier	Returned to supplier			HW 99/01
<b>PPE</b>								
<b>Division</b>	<b>Waste</b>	<b>Contaminants</b>	<b>Assessment</b>	<b>Current Disposal method</b>	<b>Recommended Disposal method</b>	<b>Current quantities</b>	<b>Store room</b>	HW 99/01
PDD	Used PPE <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	N/A	Contracted Waste Disposal Company	Class B Landfill	50kg	PPE Store	HW 99/01

MPD	Used PPE <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	N/A	Contracted Waste Disposal Company	Class B Landfill		PPE Store	HW 99/01
BMD	Old PPE Pre-classified: Type 1	Dust, Dry Chemicals, Acids, Radioactive dust.	N/A	Contracted service provide	Class B Landfill		Contaminated PPE Bin (HLA2)	HW 99/01
MAC	Old PPE <i>Pre-classified</i>	Cyanide, Xanthate, Iodine,	N/A	Contracted service provide	Class B Landfill	5 kg	110941	HW 99/01
HMD	Old PPE <i>Pre-classified: Type 1</i>	Used in labs, bays	N/A	Kept in store room	Class B Landfill		Kept in store room	HW 99/01
CMS	Used PPE, contaminated paper & rugs <i>Pre-classified: Type 1</i>	Contaminated with oil	N/A	Contracted Waste Disposal Company	Class B Landfill	5kg	Workshops, jumbo store separate bins	HW 99/01

#### NEED ASSESSMENT FOR LANDFILL SITE

Waste	Contaminants	Assessment	Current Disposal method	Recommended Disposal method	Current quantities	Store room	SAWIS No.
Ore samples <i>Mineral waste</i>	Various: Ore sample, foundry waste, UG-2 Ore, Base metal hydroxide precipitate	Assess	Contracted Waste Disposal Company: MINERAL-Ore waste skip	Class A Landfill	20Ton cubic m	Steel shed	HW 05/02
Neutralization Precipitate from Leach solutions	Copper, Nickel ,and possible traces of Cobalt and Arsenic	Assess	Contracted Waste Disposal Company: MINERAL-Ore waste skip	Class A Landfill	3 cubic Meters	HLA 2	HW 05/02

Ores & residues <b>Mineral waste</b>	Ores, Residues (copper)	N/A	Return to client	Return to client	Approx. 15 000 kg	Bulk Sample store & Small sample store	HW 17/03
Base metal hydroxides precipitate	Gold cyanide, Nickel cyanide, Copper cyanide, Cobalt cyanide.	Assess	Contracted Waste Disposal Company Mineral skip	Class A Landfill	500l	Bay 7	HW 11/02
Solid sample waste <b>Mineral waste</b>	Ores, Residues (solid and liquid samples).	Assess	Contracted Waste Disposal Company: MINERAL-Ore waste skip/ Return to client	Returned to the client		Level7 sample storage room	HW 17/03
Glass beads <b>Pre-classified: Type 1</b>	Lithium tetraborate, lithium metaborate	Assess	Contracted Waste Disposal Company Lead skip	Class A Landfill			HW 05/02
Ores <b>Mineral waste</b>	Ores PGMs (MINERAL and Chromite) Iron Ore Coal	Assess	Contracted Waste Disposal Company: MINERAL skip	Contracted Waste Disposal Company	1000tonnes	Separate bin in floatation lab Back yard, All labs & Jumbo	HW 17/03
Used refractory <b>Mineral waste</b>	Refractory bricks various, ankerhearth, various crucibles (i.e. alumina and graphite), alumina and graphite tubes, guntap, refractory castable. Expired refractory	N/A	Return to client or Contracted Waste Disposal Company	Return to client or Contracted Waste Disposal Company	40 tons	Steel shed	HW 17/02
Used baghouse filter bags <b>Pre-classified: Type 1</b>	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
Laboratory sample waste	Raw material, left over sample (typically ore samples)	N/A	Return to client or Contracted Waste Disposal Company	Return to client	50kg	HTL Active Sample room	HW 17/03
Slag	Slag	N/A	Return to client or Contracted Waste	Return to client	20 tons	Steel Shed	HW 16/01 or 02 or 03

			Disposal Company				
Laboratory sample waste	Milled silica sand	N/A	Return to client or Contracted Waste Disposal Company	Return to client	50kg	HTL Active Sample room Labelled dustbin Crushing room	HW 17/03
Laboratory sample waste <b>Pre-classified: Type 1</b>	Metal	N/A	Return to client or Contracted Waste Disposal Company	Return to client or Contracted Waste Disposal Company	10 tons	Steel Shed	HW 99/01
Used fiber flax	Hazardous fiber	Assess	Contracted Waste Disposal Company	Contracted Waste Disposal Company	50kg	Labs and bays	HW 99/01
Project material from Bay campaigns <b>Mineral waste</b>	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
Bay clean-up <b>Mineral waste</b>	Typically sweepings containing raw material spillages, refractory spillages, product spillages,	Assess	Return to client or Contracted Waste Disposal Company	Return to client	200kg	Labelled dust bins outside Bay 1 and at Steel Shed	HW 17/03
Titanium tetrachloride solution	Titanium tetrachloride	Assess	Contracted Waste Disposal Company	Contracted Waste Disposal Company	20 litres	Chemical lab	HW 05/02
Solid Waste <b>Mineral waste</b>	Ores, Residues containing Cu, Pb, Zn, PGM, Mn, Co, Ni, Si, Fe, Cr,	Assess	Contracted Waste Disposal Company: MINERAL skip	Contracted Waste Disposal Company	100 kg		HW 17/03
Silica Sand/Foundry <b>Mineral waste</b>	Contaminated with metals e.g. steel, iron, sodium carbonate etc.	Assess	Contracted Waste Disposal Company: MINERAL skip	Contracted Waste Disposal Company		Inside the bay in a bag or outside in the container	HW 17/02
Refractory waste of various grades <b>Mineral waste</b>	Alumina, Zirconia, Magnesia	Assess	Contracted Waste Disposal Company: MINERAL skip	Contracted Waste Disposal Company	1 ton	Inside the bay in a bag or outside in the container	HW 17/02
Ores, Base metals (solids) <b>Mineral waste</b>		N/A	Return to client	Return to client		Sample reception	HW 17/03

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 <b>Radioactive</b>	Uranium hydroxide (U)	N/A	Sent back to client	Send back to client	300L	Uranium stores	HW 05/02
HMD	Ore waste (excess sample) <b>Radioactive</b>	Thorium & Uranium	N/A	Sent back to client	Send back to client	50Kg	HOKH, Bay 6	HW 05/02
HMD	Uranium and thorium solutions <b>Radioactive</b>	Radioactive material	N/A	Treated at bay 6,	Bay 6 cage and returned to clients	50l	HMD Uranium and thorium labs	HW 05/02
ACD	Lab waste: Paper wipes, Gloves, filter papers, plastic. <b>Radioactive</b>	Contaminated with radioactive samples.	N/A	In the lab	Contracted Waste Disposal Company		All labs	HW 99/01
ACD	Ores, Base metals (liquids & solids) <b>Radioactive</b>	Uranium and Thorium samples	N/A	Return to client	Return to client		Sample reception	HW 05/02
ACD	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
BMD	Ores & residues	Ores, Residues	N/A	Return to client	Return to client	Approx. 4000 kg	Bulk Sample store	HW 17/03

	<b>Mineral waste, Radioactive</b>							
BMD	Waste Liquors <b>Radioactive</b>	Neutralized 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	Neutralization plant	HW 17/03
MPD	Ores <b>Radioactive</b>	Ores	Assess	Return to client	Return to client		Jumbo	HW 17/03
PDD	Used baghouse filter bags <b>Radioactive</b>	Hazardous chemicals, Radioactive samples	N/A	Return to client	Return to client		Bay 1 and 2	HW 99/01

#### GENERAL WASTE

Division	Waste	Composition	Current Disposal mtd	Recommended Disposal mtd	Store room
MAC	Plastic	Plastic	Contracted Waste Disposal Company contaminated plastic bin	Recycle	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	Recycle	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
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
CMS	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
CMS	Building rubble	Building projects	Contracted Waste Disposal Company or taken by contractor	Class D Landfill	Building rubble skips

CMS	Garden waste	Garden waste	Contracted Waste Disposal Company	Recycle	Garden waste skip
CMS	Brass	Brass shavings	Recycled	Recycle	Copper bin at west yard
CMS	Copper	Copper shavings	Recycled	Recycle	Copper bin at west yard
CMS	Wood & hard board	Wood off cuts, packaging, building projects, old pallets	Contracted Waste Disposal Company	Contracted Waste Disposal Company	Workshops & west yard
CMS	Old equipment & machines	Old equipment & machines	Auction	Auction	Building infrastructure store room
All divisions	General Office Waste <b>General waste</b>	Paper, plastic, cans, newspaper, boxes	Contracted Waste Disposal Company recycling	Recycle	Office bins, recycling room
ACD	Nickel, aluminium, zirconium crucibles	Nickel, aluminium, zirconium	Recycled	Recycle	Metal bin
ACD	Graphite crucibles	Graphite	Contracted Waste Disposal Company	Recycle	Metal Bin
AMD	Scrap metal <b>Metal</b>	Various grades both ferrous and non-ferrous – for recycling	Contracted Waste Disposal Company Small piece to general waste skip, big pieces to metal skip	Recycled	
AMD	Other filters from clean room plant <b>General waste</b>	Contaminated with simple dust, some biological – not hazardous	Autoclaved and taken to Contracted	Class B Landfill	

			Waste Disposal Company general waste skip		
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