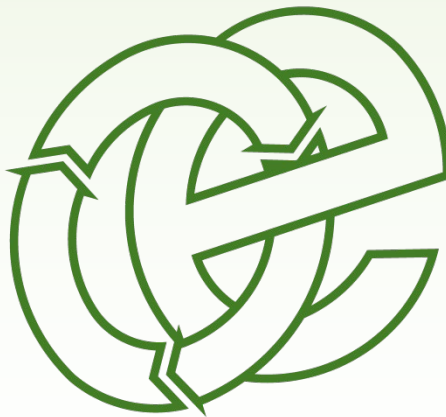


NON-TECHNICAL SUMMARY

Land Adj to Millhouse Garage, Hale Road, Widnes, Cheshire, WA8 0TL

Global Metal Recycling Ltd

| | | | | | |
|-------------------|-------------|-------------------|------------------|-----------------|----|
| Version: | 1.0 | Date: | 27 December 2023 | | |
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Waste, Planning & Environmental Consultants



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1 Introduction

1.1 Note

1.1.1 Global Metal Recycling Ltd is the Environmental Permit (EP) holder and currently operates under standard rules permit SR2008No21 (NB3332RD/A001), which was issued on 06/02/2013.

1.1.2 The purpose of this document is to accompany a variation of the EP to add a Household, Commercial & Industrial Waste Transfer Station with treatment to the permit.

2 Application proposals

2.1 Variation proposals

2.1.1 The proposed variations to this permit are clearly set out below which will make the site a bespoke permit:

HCI WASTE TRANSFER STATION WITH TREATMENT

- i) Addition of 1.16.6: Household, commercial and industrial waste transfer station to the existing permit.
- ii) Substantial variation of SR2008No21 to 1.16.16: Metal recycling site – mixed metals
- iii) Increase the permit boundary of the site

2.1.2 To assist the EA in drafting up the permit, the tables overleaf has been extracted from a modern permit including the conditions shown above.

2.2 Limits of activities

2.2.1 The following limits of activities are set out in the table below:

Table 2.1 -Proposed Permitted Operations – HCI WTS

| TABLE S1.1 activities | | |
|--|---|---|
| Activity reference | Description of activities for waste operations | Limits of activities |
| Household, commercial & industrial waste transfer station with treatment | <p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to 13</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p> | <p>Treatment consisting only manual sorting, separation, screening, blending, baling, shredding, crushing or compaction of waste into different components for disposal, (no more than 75 tonnes per day) or recovery.</p> <p>Subject to any other requirements of this permit wastes shall be stored for no longer than 3 years prior to recovery.</p> <p>Waste types suitable for acceptance are limited to those specified in Section 2.3 below.</p> |

Table 2.2 -Proposed Permitted Operations – MRS

| TABLE S1.1 activities | | |
|------------------------------|---|---|
| Activity reference | Description of activities for waste operations | Limits of activities |
| Metal Recycling Site | <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> | <p>Treatment consisting only of sorting, separation, grading, shearing, shredding, baling, compacting, crushing, granulating and cutting of ferrous metals or alloys and nonferrous metals into different components for recovery.</p> <p>The maximum quantity of non-hazardous waste subject to a shredding operation shall not exceed 75 tonnes per day.</p> <p>There shall be no treatment of catalytic converters including decanning, other than sorting and separating from other wastes.</p> <p>There shall be no treatment of lead acid batteries.</p> <p>The maximum quantity of hazardous waste stored at the site shall not exceed 50 tonnes at any one time.</p> <p>No more than 10 tonnes of intact waste vehicle catalytic converters (waste code 16 01 21* or 16 01 22) shall be stored at the site at any one time.</p> <p>Wastes shall be stored for no longer than 3 years prior to recovery.</p> |

2.3 Proposed EWC codes

2.3.1 The following EWC codes are proposed to be included on the permit are shown below:

Table 2.3 -EWC Codes – MRS

| EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC | |
|---|--|
| CODE | WASTE TYPE |
| 02 | WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING |
| 02 01 | wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing |
| 02 01 10 | waste metal |
| 12 | WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS |
| 12 01 | wastes from shaping and physical and mechanical surface treatment of metals and plastics |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 03 | non-ferrous metal filings and turnings |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | packaging (including separately collected municipal packaging waste) |
| 15 01 04 | metallic packaging |
| 16 | WASTES NOT OTHERWISE SPECIFIED ON THE LIST |
| 16 01 | end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 06 | end-of-life vehicles containing neither liquids nor other hazardous components (articulated trailers) |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| 16 01 21* | hazardous vehicle components – catalytic converters containing RCF matting |
| 16 01 22 | discarded components not otherwise specified |
| 16 06 | batteries and accumulators |
| 16 06 01* | lead batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |

| EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC | |
|---|--|
| CODE | WASTE TYPE |
| 17 04 | metals (including their alloys) |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| 19 | WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE |
| 19 10 | wastes from shredding of metal-containing wastes |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| 19 12 | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 02 | ferrous metal |
| 19 12 03 | non-ferrous metal |
| 19 13 | wastes from soil and groundwater remediation |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | separately collected fractions (except 15 01) |
| 20 01 33* | lead batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 40 | metals |

Table 2.4 -EWC Codes – HIC WTS

| EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC | |
|---|--|
| CODE | WASTE TYPE |
| 15 | WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED |
| 15 01 | packaging (including separately collected municipal packaging waste) |
| 15 01 01 | paper and cardboard packaging |
| 15 01 02 | plastic packaging |
| 15 01 03 | wooden packaging |
| 15 01 05 | composite packaging |
| 15 01 06 | mixed packaging |
| 15 01 07 | glass packaging |
| 15 01 09 | textile packaging |
| 16 | WASTES NOT OTHERWISE SPECIFIED ON THE LIST |
| 16 01 | end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 03 | end-of-life tyres |
| 16 02 | wastes from electrical and electronic equipment |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 51 |
| 17 | CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) |
| 17 01 | concrete, bricks, tiles and ceramics |
| 17 01 01 | concrete |
| 17 01 02 | bricks |
| 17 01 03 | tiles and ceramics |
| 17 01 07 | mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 |
| 17 02 | wood, glass and plastic |
| 17 02 01 | wood |
| 17 02 02 | glass |
| 17 02 03 | plastic |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 17 05 | soil (including excavated soil from contaminated sites), stones and dredging spoil |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03 |
| 17 05 08 | track ballast other than those mentioned in 17 05 07 |
| 17 06 | insulation materials and asbestos-containing construction materials |
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 17 08 | gypsum-based construction materials |

| EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC | |
|---|--|
| CODE | WASTE TYPE |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01 |
| 17 09 | other construction and demolition wastes |
| 17 09 04 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 |
| 19 | WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE |
| 19 12 | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 01 | paper and cardboard |
| 19 12 04 | plastic and rubber |
| 19 12 05 | glass |
| 19 12 07 | wood other than that mentioned in 19 12 06 |
| 19 12 08 | textiles |
| 19 12 09 | minerals (for example sands, stones) |
| 19 12 10 | combustible waste (refuse derived fuel) |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
| 19 13 | wastes from soil and groundwater remediation |
| 20 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 | separately collected fractions (except 15 01) |
| 20 01 01 | paper and cardboard |
| 20 01 02 | glass |
| 20 01 10 | clothes |
| 20 01 11 | textiles |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 38 | wood other than mentioned in 20 01 37 |
| 20 01 39 | plastics |
| 20 02 | garden and park wastes (including cemetery waste) |
| 20 02 01 | biodegradable waste |
| 20 02 02 | soil and stones |
| 20 03 | other municipal wastes |
| 20 03 01 | mixed municipal waste |
| 20 03 07 | bulky waste |

3 Documentation and fees

3.1 The following table sets out the fees required for the application.

Table 3.1 – Base Application Fee Table

| EPR Charging Scheme Ref | EPR Charging Scheme Ref & Description | Type of application | Fee |
|--------------------------------|--|----------------------------|----------------|
| 1.16.6 | Substantial variation of 1.16.16 activity | Substantial variation | £8,517 |
| 1.16.6 | Addition of HCI Transfer Station with Treatment | Permit Application | £9,176 |
| | | TOTAL | £17,693 |

3.2 The following table sets out the documentation Global Metal Recycling Ltd will be submitting with this application:

Table 3.2 – Additional Application Fees Table - Charges for plans and assessments

| General | Consideration | Document & Ref | Fee |
|-----------------------------------|--|---------------------------|---------------|
| Forms Part A, C2, C4 & F1 | Mandatory | N/A | N/A |
| Evidence of technical competence | Mandatory | MILL-3344-I | N/A |
| Management System | Mandatory | MILL-3344-A | N/A |
| Fire Prevention Plan | Required due to increased fire risk. (Assessment Included in HCI Fee). | MILL-3344-B | N/A |
| Emissions Management Plan | Required due to site operations. | MILL-3344-F | £1,241 |
| Pest Management Plan | Required due to site operations. | MILL-3344-H | £1,241 |
| Noise & Vibration Management Plan | Not required following risk assessment outcome | N/A | N/A |
| Odour Management Plan | Required due to site operations (Assessment Included in HCI Fee). | MILL-3344-G | N/A |
| | | TOTAL | £2,482 |

3.3 Based on the above, the total fee payable to the Environment Agency on submission will be **£20,175.00**

3.4 The table overleaf summarises which parts of the application forms request the above documentation which would normally be completed in Application Form Part F1; Section 6.

Table 3.3 – Application Form Reference Table

| Application Form | Question Ref | Document Ref |
|-------------------------|---------------------|---|
| Part C2 | 2b & Table 1 | MILL-3344-C |
| Part C2 | 3b | MILL-3344-H |
| Part C2 | 3d | MILL-3344-A |
| Part C2 | 5a | MILL-3344-01, MILL-3344-02, MILL-3344-03, MILL-3344-04 – also found in Appendices of main documentation |
| Part C2 | 5c | MILL-3344-C |
| Part C2 | 5d & 5e | MILL-3344-B |
| Part C2 | 6 | MILL-3344-D |
| Part C4 | 1 & Table 1a | MILL-3344-C |
| Part C4 | 3 & Table 3b | MILL-3344-F, MILL-3344-G & MILL-3344-H |
| Part E2 | 4a & 4b | MILL-3344-E |

3.5 Justification for no further assessments

NOISE

3.5.1 Noise has been screened out as part of the Environmental Risk assessment and it is considered an NIA and NVMP is not required due to the following:

- The nearest NSRs are situated approximately 295m to the south-west on Level Terrace, 315m to the south off Wellingford Avenue, and 425m to the north off Hale Road. These measurements have been taken from the nearest boundary of the site. Between these NSR are large industrial buildings, the busy Manchester – Mersey railway line, which is adjacent to the site to the south and other waste management

facilities which will make the existing background noise level high or screen any potentially noisy activities from the site.

- There is a concrete batching facility situated approximately 85m to the north-west of the houses on Whitstable Close so it is considered this site will comprise the main source of noise.
- The site does not operate during hours which are considered unsociable and therefore likely to lead to complaints.
- The site will be permitted to be open during the following hours for the receipt, including depositing, sorting, moving, storing and removing waste:

| | |
|-------------------------------|---------------|
| Monday to Friday | 07:00 – 17:00 |
| Saturday | 07:00 - 15:00 |
| Sundays, Bank/Public holidays | No operations |

- The use of any mechanically machinery to treat waste i.e. shredder, trommel, shear will only be in operation during the following hours:

| | |
|-------------------------------|---------------|
| Monday to Friday | 09:00 – 17:00 |
| Saturday | No operations |
| Sundays, Bank/Public holidays | No operations |

- There is already suitable noise mitigation provided on site in addition to the off-site industrial buildings and other waste facilities infrastructure. The site is also situated in a lower setting to other surrounding premises.
- The site currently shreds wood, dismantles trailers by crushing with an excavator and tips, sort and crushes scrap metal, these would still be considered the noisiest activities at the site in addition to the new activities proposed. It is important to

note these activities have never generated any noise complaints since the site has been operational for over 10 years.

- Drop heights will be kept to a minimise noise / vibration by using a grab rather than shovel enabling waste to be dropped from minimal height.
- Management will ensure that all loading plant operated is functioning suitably i.e. moving parts to be regularly lubricated.
- Operatives will be informed to turn off engines when the plant is not in use and no revving of engines will be permitted at the site i.e. no idling policy
- Any malfunctions in plant i.e. missing screws/bolts which result in excessive noise will be decommissioned until an alternative loading plant sourced.
- If repairs to the site are required, the work is to be undertaken with due regard for the possible noise nuisance and during the normal working day.
- In the event of major repair work being undertaken which is likely to cause significant noise and disruption, neighbouring residents and the EA will be notified in advance

4 Summary of waste storage and treatment

4.1 Waste storage and treatment summary

- 4.1.1 Both the HCI WTS and MRS would accept <50,000 tonnes of waste per annum (100,000 tonnes per annum total) which would equate to a maximum of 1,000 tonnes per week, 200 tonnes per day for each activity. This is an average and daily/weekly tonnages could increase/decrease depending on quiet and busy periods.