



RECYCLING LIMITED
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SD8 – Nolan Recycling Operation Variation

v1.0
Approved October 2015



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SD7 – Nolan Recycling - Operation Variation

Operations to be Subject to Variation

The Transfer Station, The Old Quarry, Stormy Down,
Bridgend, Pyle, CF33 4RS

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Nolan Recycling Ltd currently operate under a bespoke Environmental Permit No EPR/BP3599SZ. The licence was last modified on the 10th February 2012.

Nolan Recycling Ltd have applied to vary the current licence in order to increase the scope of activities carried out at the site. The variation will include all the current activities being carried out at the facility, namely:

1. HCI Waste Transfer Station with Treatment (A11):

The waste transfer station will accept non-hazardous wastes.

The currently permitted operations are:

- Manual screening/segregation, with the use of dedicated plant, to remove recyclable wastes with stockpiling pending further separation.
- The use of an excavator/transfer shovel to load previously deposited and manually segregated wastes into the hopper of a trommel combined with automated mechanical equipment which further separates out wastes prior to manual sorting to obtain the preselected product types.
- The use of a dedicated baler to form bales of recyclate for off-site reprocessing/recycling and a compactor to compact residual waste into containers for transport to recovery or disposal.

The annual quantity of waste received by the site per year shall not exceed 75,000 tonnes.

And will add the following post-sorting treatment activities as part of a Normal Variation:

1. Physical Treatment of Wood Waste (A16)

Mechanical and manual sorting, separation, cutting, pulverising, screening, shredding and chipping of wood waste as part of post-WTS treatment to produce chip for panelboard manufacture, animal bedding, mulches and biofuel.

No hazardous waste is to be treated.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

2. Physical Treatment of Inert and Excavation Waste Processing (A16)

Mechanical and manual sorting, separation and segregation, screening and crushing of inert and excavation waste as part of post-WTS treatment to produce aggregates, soil and soil substitute products to replace the use of virgin materials.

No hazardous waste is to be treated.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

3. Physical Treatment of Combustible Materials (A16)

Baling of combustible material (non-recyclable light and residual fractions) for fuel for energy production as part of post-WTS treatment.

No hazardous waste is to be treated.

The annual quantity of waste treated per year shall not exceed 25,000 tonnes.

4. Physical Treatment of Process Fines (A16)

Mechanical and manual sorting, separation and segregation, screening, washing and crushing of Process Fines as part of post-WTS treatment to produce aggregates and/or to reduce any active fraction requiring disposal.

Inert fines may be treated further within the inert and excavation waste treatment activity (see 2 above) depending on their suitability.

No hazardous waste is to be treated.

The annual quantity of waste treated per year shall not exceed 5,000 tonnes.

For ease of reading this application includes separate tables for each waste operation and for the EWC codes entering each process.

Table 1a includes the waste activity with the appropriate recovery and disposal code for each activity.

The complete EWC list for each activity for the new permit is shown in document SD8 – Nolan Recycling - EWC Waste Acceptance.

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Table 1a – Waste operations which do not form part of an installation

Name of the waste operation	Description of the waste operation	Annex IIA or IIB (disposal and recovery) code and descriptions	Hazardous waste treatment capacity (if this applies). See note 1	Non-hazardous waste treatment capacity (if this applies). See note 1
Transfer of waste: household commercial and industrial (A11)	Existing HCI Waste Transfer Station with Treatment Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.	D15, D14, D9, R13, R3, R4, R5	0	Maximum quantity of wastes accepted at the site shall not exceed No more than 50 tonnes of intact vehicle tyres (waste code 160103 and 191204) shall be stored at the site.
Treatment of waste: physical (A16)	Wood Waste Processing Mechanical and manual sorting, separation, cutting, pulverising, screening, shredding and chipping of wood waste as part of post-WTS treatment to produce chip for panelboard manufacture, animal bedding, mulches and biofuel.	D15, D9, R13, R3	0	Maximum quantity of wastes treated shall not exceed 25,000 tonnes per annum. max. 50 tonnes/day for disposal
Treatment of waste: physical (A16)	Inert and Excavation Waste Processing including the manufacture of soils. Mechanical and manual sorting, separation and segregation, screening and crushing of inert and excavation waste as part of post-WTS treatment to produce aggregates, soil	R3, R5, R13	0	Maximum quantity of wastes treated shall not exceed 25,000 tonnes per annum. max. 50 tonnes/day for disposal

	and soil substitute products to replace the use of virgin materials.			
Treatment of waste: physical (A16)	Baling of Combustible Materials Baling of combustible material (non-recyclable light and residual fractions) for fuel for energy production as part of post-WTS treatment.	D15, D9, R3, R5, R13	0	Maximum quantity of wastes treated shall not exceed 25,000 tonnes per annum. max. 50 tonnes/day for disposal
Add Treatment of waste: physical (A16)	Separation of Process Fines (Trommel Fines) Mechanical and manual sorting, separation and segregation, screening, washing and crushing of Process Fines as part of post-WTS treatment to produce aggregates and/or to reduce the active fraction requiring disposal.	D15, D9, R13, R4, R5	0	Maximum quantity of wastes treated shall not exceed 5,000 tonnes per annum. max. 50 tonnes/day for disposal
For all waste operations	Total storage capacity (see note 2)			Non-hazardous 23,550 tonnes (including Tyres (intact) 50 tonnes)
	Annual throughput (tonnes each year)			75,000

Further details regarding the activities are given in the tables below.

HCl Waste Transfer Station with Treatment	
Description of Activities	Limits of Activities
<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>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>D14: Repackaging prior to submission to any of the operations numbered D1 to 13</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 of mechanical and manual sorting, separation and segregation, screening, baling, shredding, repackaging, crushing or compaction of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p> <p>No more than a total of 50 tonnes of intact vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.</p>

Physical Treatment of Wood Waste	
Description of Activities	Limits of Activities
<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>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>Treatment consisting only of mechanical and manual sorting, separation, cutting, pulverising, screening, shredding and chipping of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>

Physical Treatment of Inert and Excavation Waste	
Description of Activities	Limits of Activities
<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>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of mechanical and manual sorting, separation and segregation, screening and crushing of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>

Physical Treatment of Combustible Materials	
Description of Activities	Limits of Activities
<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>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>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of baling, of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>

Physical Treatment of Process Fines	
Description of Activities	Limits of Activities
<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</p>	<p>Treatment consisting only of mechanical and manual sorting, separation and segregation, screening, washing and crushing of waste into different components for disposal, (no more than 50 tonnes per day) or recovery.</p>



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temporary storage, pending collection, on the site where it is produced)

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

R4 Recycling/reclamation of metals and metal compounds

R5: Recycling/reclamation of other inorganic materials