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Part B4_1b Wastes Accepted

Part B4 1b – Activities & Limits of Activities

4Recycling Ltd are applying for a consolidated bespoke site-based waste permit to allow a total maximum annual throughput of 100,000 tonnes.

No more than 10,000 tonnes of treated hazardous material will be stored on site at any one time. This includes hazardous wastes pre-treated prior to import and hazardous wastes post treatment at the site.

Hazardous wastes that require treatment at the Old Peat Works will be limited to a maximum of 10 tonnes treated per day, with a maximum of 50 tonnes stored pending treatment¹.

There are two interlinked activities proposed for The Old Peat Works;

- 1. The treatment of wastes prior to recovery by land treatment.**

The treatment activities encompass specific activities for specific waste streams including: treatment of sludges, conditioning of cement by-products with water or clean water treatment works sludge and the physical treatment of wastes (*e.g.* sorting, screening, separating *etc* to facilitate a remedial action). The activities and limits of activities for each of the proposed treatments are outlined below in Tables A-C below.

- 2. The storage of wastes to be used in land treatment (*i.e.* storing wastes prior to recovery by land treatment that do not require any treatment).**

This storage element may be from wastes previously treated at the sites or the wastes may come from third parties for storage prior to land treatment. The activities and limits of activities for storing wastes are outlined below in Table D.

¹ All hazardous wastes proposed in Part B4_1b Lists of Wastes are deemed hazardous by the nature of the materials that deem them beneficial. These are liming materials with high pH values that can either be conditioned for land application or applied directly to land under standard rules or existing bespoke mobile plant permits held by 4Recycling Ltd

Treatment of wastes prior to recovery by land treatment:

Non-hazardous sludge biological, chemical and physical treatment site

Activities and limits of activities:

Table A.

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 of waste not specified elsewhere in Annex IIA</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>Treatment consisting only of blending, mixing, separation, digestion, thickening and/or compaction of waste for disposal (no more than 50 tonnes per day) or recovery</p>

Conditioning of cement kiln dusts and by-pass dusts with water or clean water treatment works sludge only

Activities and limits of activities:

Table B.

Description of activities	Limits of activities
<p>D15: Storage pending treatment (conditioning with water only)</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 of waste not specified elsewhere in Annex IIA</p>	<p>Treatment consisting only of conditioning with water or clean water treatment works sludge</p>

Household, commercial, and industrial waste transfer station with treatment

Activities and limits of activities:

Table C.

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>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</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 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.</p>

Storage of wastes prior to recovery by land treatment:

Storage of wastes to be used in land treatment

Activities and limits of activities:

Table D.

Description of activities	Limits of activities
R13: Storage of wastes pending recovery by land treatment	<p>Secure storage of wastes in Tables 4-6.</p> <p>Waste shall not be stored on site for longer than 3 years.</p> <p>The maximum quantity of waste accepted shall not exceed 75,000 tonnes per year.</p> <p>The maximum quantity of hazardous waste treated shall not exceed 10 tonnes per day. The maximum quantity of hazardous waste stored pending treatment shall not exceed 50 tonnes per day. These limits do not apply to hazardous wastes pre-treated prior to import to the site or to wastes post-treatment at the site.</p> <p>The maximum storage capacity of the site shall not exceed 75,000 cubic metres.</p> <p>Individual wastes must be stored separately.</p>