

Attachment H.4 Waste Arisings

The mixed dry recyclables that will be processed at the Forge Hill Site will be sourced from the Southern Region, principally from Cork, Kerry and Clare, but the operator of the site is likely to also engage in contracts with collectors from further afield.

The Southern Region Waste Management Plan (2015-2021)¹ found that the Region currently generates about 90,000 tonnes of household kerbside dry recyclables. The majority of these recyclables are currently processed at KWD's facility at Aughacurreen in Killarney and these will now be processed at Forge Hill.

Commercial dry recyclables are expected to be sourced also from the Southern Region, principally from Cork City.

It is estimated that the Forge Hill MRF will process up to 70,000 tonnes of household dry recyclables and about 12,000 tonnes of commercial dry recyclables. We request that the waste licence allows flexibility in this regard as the breakdown of household versus commercial dry recyclables will depend on future contracts and therefore incorporates a degree of uncertainty.

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¹ See Table 9.1 of the Plan on www.srwmo.ie

Attachment H.5 Waste Recycling and Recovery

The Forge Hill Facility will play a major role in assisting Ireland to comply with regulation 31(1) and (2) of the European Communities (Waste Directive) Regulations 2011. The relevant regulations state the following:

Re-use and recycling

31. (1) (a) The Minister or any Minister of the Government concerned shall take measures, as appropriate, to promote the re-use of products and preparing for re-use activities, notably by encouraging—

- (i) the establishment and support of re-use and repair networks,
- (ii) the use of economic instruments, procurement criteria, quantitative objectives, or
- (iii) other measures.

(b) The Minister or any Minister of the Government concerned, the Agency or the local authorities shall, in carrying out their respective functions under the Act of 1996, take measures to promote high quality recycling and, to this end, shall set up separate collections of waste where technically, environmentally and economically practicable and appropriate to meet the necessary quality standards for the relevant recycling sectors.

(c) Subject to section 29(2B) of the Act of 1996, by 2015 separate collection shall be set up for at least the following waste:

- (i) paper;
- (ii) metal;
- (iii) plastic; and
- (iv) glass.

(2) In order to comply with the objectives of the Waste Directive, and move towards a European recycling society with a high level of resource efficiency, and without prejudice to any other targets or obligations which may apply as a result of waste prevention and management legislation and policy, the Minister, the Agency and the local authorities shall, in carrying out their respective functions under the Act of 1996, take the necessary measures designed to achieve the following targets:

(a) by 2020, the preparing for re-use and the recycling of waste materials such as, at least, paper, metal, plastic and glass from households and possibly from other origins as far as these waste streams are similar to waste from households, shall be increased to a minimum of overall 50% by weight;

(b) by 2020, the preparing for re-use, recycling and other material recovery, including backfilling operations using waste to substitute other materials, of non-hazardous construction and demolition waste excluding naturally occurring material defined in category 17 05 04 in the list of waste shall be increased to a minimum of 70% by weight.

The Forge Hill site will support Regulation 31(1)(b) by providing high tech processing capacity for mixed dry recyclables collected from households and businesses.

The development will support Regulation 31(1)(c) by separating large quantities of paper, metal and plastics.

The development will also support Regulation 31(2)(a) by preparing large quantities of paper, metal and plastics from households and commercial premises for the purposes of recycling. The additional capacity will assist Ireland in meeting the 2020 target of 50% recycling of three of the four named materials.

The development is also consistent with Section 29(2A) of the Waste Management Act as the dry recyclables will be recovered by way of recycling and unsuitable residues will be sent for energy recovery, where possible. The operations on site will promote the movement of waste up the waste hierarchy and will facilitate growth in recycling in the Southern Region.

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