

Proposal

On the 28th of September the council of the Isles of Scilly accepted our bid and awarded us their green waste contract. This contract is for us to receive green waste from the Moorewell site and process it on site at Parting Carn in a process called open windrow composting.

As it will be open windrow composting there will be no need for any physical modifications to the site prior to use. The green waste received from Moorewell will mainly consist of grass, small hedge cuttings and general garden waste. Any larger waste such as tree branches, larger cuttings or Christmas trees will be chipped up prior to composting.

Windrow composting is the production of compost by piling organic matter or biodegradable waste, such as garden waste, in long rows (windrows). The windrows get turned over and allow fresh air (oxygen) to get into the compost and the waste gases produced by bacterial decomposition are vented. The oxygen feeds the aerobic bacteria and thus speeds the composting process. There are different factors that affect the composting process, these factors include temperature, moisture, oxygen, particle size, carbon-to-nitrogen ratio and the frequency and degree of turning. The length of the process also depends on the results required. Generally, an immature compost can be produced in about a month, while a mature compost may take six months to a year.

I will be looking to produce mainly an immature compost that can be spread on to some of the fields at Parting Carn, to help promote good grass growth. I will also process a small amount to a mature compost that I can use in my Polly tunnels.

The waste will be brought to the site once moorewell have a full load that needs emptying, obviously the frequency of these movements will depend on the amount of garden waste disposed of by the islands residents, and the time of year will probably effect this as more gardening happens in the summer months.

All the correct exemptions for this type of waste operation to take place have been granted by the environmental agency and are already in place. These exemptions are show on Appendix A

Access

As the site is situated in front of the main drive where there is already access, there is no need to change or modify this. There are no access issues with the site location, the existing access path can be seen on a map I have supplied with the application.

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Appendix A shows what exemptions are in place.

