King, Andrew

Subject: FW: Green waste planning

From: Andrew Watts
Sent: 11 January 2018 10:06
To: Planning <planning@scilly.gov.uk>
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Here is my response to the issues/questions raised with the green waste planning application.

Visual Impact of Windrows
The height of the windrows will be approximately 4-5ft, this will ensure there is enough material in the windrows, but they will not be so high that they become an eyesore - they will be similar height as the surrounding boundaries walls and hedges. The windrow needs to be big enough to generate heat to speed up the process but also be long as it is the long shape of windrow that makes airflow into the compost.

Traffic Impact
There will not be a net gain in traffic movement as Green Waste is already transferred by road to the quay for shipment to the mainland. The traffic moments to site will depend on how much green waste is presented and this varies across the year. It is likely to range from one trip a month to two or three a month. It is assumed that during March and April there is likely to be an increase in volumes as people will be variously getting their gardens ready over Spring or getting their hotels and lets ready for guests. Also there won't be any increase in traffic as it is already transported to the quay via road, if anything it will be better as any traffic will now be heading away from the busy town.

Data showing monthly volumes of green waste collected at Moorwell in the table below. As you can see, the volumes are incredibly low all year round with some slight increases, therefore the scale of the operation would be equally small.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2015									3.94	1.88	2.90	1.14
2016	2.28	1.87	5.39	3.31	4.39	6.41	4.17	5.25	8.89	6.42	3.43	8.79
2017	2.56	2.06	3.70	3.79	13.79	4.19	6.70					

Environmental Impact: Air and water pollution
At the moment, the green waste is stored at Moorwell site until there is enough to make a load to ship. Like the farm, Moorwell is immediately adjacent the SSI, the opposite side to the proposed Green Waste site. During storage at Moorwell there is the potential for run off and gases released while the materials naturally start to degrade while waiting for shipping.

The scale of the proposed operation will be very small and therefore have a negligible negative impact on the environment (air and water) whilst also producing a beneficial by-product that can be retained on the islands.

Any water that will run-off from the windrows will mostly be absorbed into the soil in the field, but to reduce any risk the windrows will be sited to the north of the proposed field, increasing the distance from

the SSSI. Additionally, and if deemed necessary, a small soil bund could be put in place to redirect any surface water run-off. Given the scale and location of the operations this is not likely but is a good precaution that can easily be implemented.

Due to the nature of the operation – which will only accept green garden waste – any run-off will be non-hazardous and any nutrients contained will be absorbed in the immediate vicinity - I am sure the row of conifers will enjoy them!

I think it is important to consider that all waste produced on the islands has an environmental impact, however it is imperative to find ways to minimise this impact and also find environmental benefits from any opportunities that may be presented: If the green waste is processed on the island, the carbon footprint will be a lot less the current arrangement; There will be a lot less movements by road (on island and the mainland) and sea; The current export of green waste requires it to be transferred in expensive, single use, plastic lined bulk bags which are disposed of – these will not be required for an on island operation; There is also the increased cost to the community of the shipping of green waste. By moving to an on island solution, the cost and environmental impact of freight will be reduced, the scale is so small that the on island environmental impact will be negligible and there will be a beneficial by-product which will help the islands move towards a circular economy and increased self-sufficiency.

Kind regards

Andrew Watts